

AD A 074688

USAFETAC/DS-79/048

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MCCHORD AFB WASHINGTON/TACOMA

N 47 09 W 122 29

ELEV 332 FT KTCM

WBAN# 24207

WMO# 74206

PARTS A-F

POR FROM HOURLY OBS: JUL 40-JUL 72

POR FROM DAILY OBS: JUL 40-JUL 72

MAR 19 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

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AD A 074688

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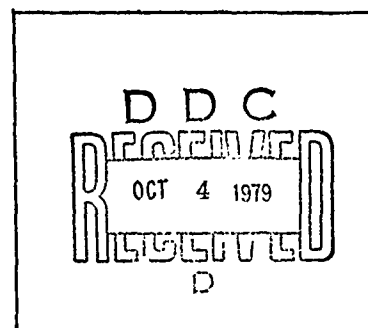
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|--|----------------------|---|---------|-------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
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| 18 SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | |
| 19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | *RUSSWO | Daily temperature | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperature | Atmospheric pressure | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | |
| Relative humidity | *Climatological data | (over) | | | | | | | | | | | | | | | |
| 20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for McChord AFB, Tacoma, Washington It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over) | | | | | | | | | | | | | | | | | |

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Washington

* McChord AFB WA

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

DATA IN THESE TABULATIONS FOR THE PERIOD FROM JANUARY 1971 AND LATER HAVE NOT RECEIVED THE SAME, COMPREHENSIVE MANUAL AND COMPUTER QUALITY EDITING PROCEDURES DURING PROCESSING AT OL A (DATA PROCESSING BRANCH) AS DID THE OBSERVATIONS FOR EARLIER PERIODS INCLUDED IN THE STUDIES.

SUSPECT CASES OR QUESTIONABLE VALUES MAY OCCUR IN THE 1971 AND LATER DATA, AND APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THE EXTREME VALUES MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

1

THE PERIOD OF RECORD JAN 71-JUL 72 FOR HOURLY OBSERVATIONS IN THIS SUMMARY ARE FROM

GWC DATA WHICH IS UNEDITED. THE SPORTS LINED THROUGH IN BLACK INK ARE OBVIOUS ERRORS.

0-24-5 (OL A)

FORM
OCT 67

SPECIALARY USAFETAC

NAVY WEATHER DIVISION
1000 100-1
NAVY AIR SERVICE (SAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

| STATION NO OR SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV. (FT) | CALL SIGN | WMO NUMBER |
|-----------------------|-------------------------------|----------|-----------|--------------------|-----------|------------|
| 24207 | MCCHORD AFB WASHINGTON/TACOMA | N 47 09 | W 122 29 | 332 | KTCM | 74206 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION'S NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | CBS PER DAY |
|--------------------|------------------------------|-----------------|------------------|--------|----------|-----------|---------------------|----------------|-------------|
| | | | FROM | TO | | | STATION (FT) | BASE BAROMETER | |
| 1 | McChord Field Washington | AAF | Jul 40 | May 48 | N 47 09 | W 122 29 | 286 | 286 Ft | 24 |
| 2 | McChord AFB Washington | AFB | Jun 48 | Apr 53 | Same | Same | Same | 289 Ft | 24 |
| 3 | Same | Same | May 53 | Feb 54 | Same | Same | 320 | 330 Ft | 24 |
| 4 | Same | Same | Mar 54 | Feb 56 | Same | Same | 322 | 332 Ft | 24 |
| 5 | Same | Same | Mar 56 | Feb 62 | Same | Same | 320 | 350 Ft | 24 |
| 6 | Same | Same | Mar 62 | Sep 63 | Same | Same | 332 | Same | 24 |
| 7 | Same | Same | Oct 63 | Nov 64 | Same | Same | Same | 379 Ft | 24 |
| 8 | Same | Same | Dec 64 | Jul 72 | Same | Same | Same | 288 Ft | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|------------------|--|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Jul 40 to Dec 41 | Located on Hangar # 3 adjoining Base Operations Office. | Anemometer | N/A | 118 Ft | |
| 2 | Jan 42 to Apr 53 | Same | Selsyn | ML-144 | Same | |
| 3 | May 53 to Feb 54 | Located on top of airplane Hangar near the Weather Station. | Same | Same | 120 Ft | |
| 4 | Mar 54 to Feb 56 | Located 200 ft from the Weather Station on top of airplane Hangar. | Same | Same | 100 Ft | |
| 5 | Mar 56 to Feb 57 | Located on top of Alert Hangar. | Same | Same | 45 Ft | |
| 6 | Mar 57 to Sep 63 | Located 700 ft from centerline of Rnwy, 1000 ft from S end of Rnwy 34. | AN/GMQ-11 | RO-2 | 13 Ft | |

| NO. | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|-----|------------------|--|---------------------|------------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND |
| 7 | Oct 65 to Jun 70 | 1. Located 500 ft from centerline, 1775 ft S of end of Rwy 16. 2. Located 500 ft from centerline, 1100 ft N of end of Rwy 34. | Same | Same | Same |
| 8 | Jul 70 to Jul 72 | 1. Located 500 ft from centerline, 1850 ft S of end of Rwy 16. 2. Located 500 ft from centerline, 1240 ft N of end of Rwy 34. | Same | Same | Same |

DATA PROCESSING DIVISION
WAFB, WAFB
AIR FORCE SERVICE (MAC)
WAFB, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | .0 | 21.9 | .2 | 4.7 | .0 | 26.1 | 23.0 | 20.3 | .2 | | 33.4 | 25650 |
| FEB | | .0 | 20.9 | .0 | 1.8 | .0 | 22.5 | 17.9 | 20.0 | .0 | | 29.1 | 21511 |
| MAR | | .0 | 19.1 | .0 | 1.6 | .0 | 20.6 | 10.4 | 15.1 | | | 20.7 | 23685 |
| APR | | .1 | 16.1 | | .1 | .0 | 16.1 | 6.3 | 10.4 | | .0 | 14.0 | 22881 |
| MAY | | .1 | 10.4 | | | .0 | 10.4 | 3.9 | 7.6 | | | 10.1 | 23687 |
| JUN | | .1 | 9.5 | | | .0 | 9.5 | 4.1 | 7.4 | | .0 | 9.9 | 22477 |
| JUL | | .1 | 4.5 | | | | 4.5 | 4.0 | 7.6 | | .0 | 10.4 | 24824 |
| AUG | | .1 | 3.4 | | | | 5.4 | 7.4 | 13.2 | | .0 | 17.9 | 23725 |
| SEP | | .1 | 8.4 | | | | 8.4 | 16.3 | 25.3 | | .0 | 34.2 | 22997 |
| OCT | | .1 | 15.4 | | .0 | .0 | 15.4 | 24.4 | 27.0 | | .0 | 40.3 | 23726 |
| NOV | | .0 | 21.4 | .0 | .4 | .0 | 21.7 | 26.2 | 22.0 | | .0 | 37.4 | 22959 |
| DEC | | .0 | 24.5 | .1 | 2.1 | .0 | 26.2 | 26.3 | 17.9 | .0 | .0 | 34.0 | 23717 |
| TOTALS | | .1 | 14.8 | .0 | .9 | .0 | 15.6 | 14.2 | 16.2 | .0 | .0 | 24.3 | 278839 |

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 STATION MCCHURD AFB WASHINGTON/TACOMA 41-72 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | | 21.8 | .2 | 4.4 | | 25.9 | 26.3 | 15.9 | .1 | | 32.3 | 2951 |
| | 03-05 | .0 | 21.6 | .1 | 4.7 | | 25.7 | 25.4 | 13.1 | .1 | | 30.4 | 2961 |
| | 06-08 | | 21.6 | .2 | 4.7 | | 25.6 | 27.6 | 15.1 | .1 | | 33.4 | 2964 |
| | 09-11 | | 21.7 | .1 | 5.2 | | 26.4 | 25.7 | 22.0 | .3 | | 36.2 | 2956 |
| | 12-14 | .0 | 21.9 | .2 | 4.6 | | 26.1 | 16.5 | 22.8 | .2 | | 31.5 | 2959 |
| | 15-17 | | 22.6 | .1 | 4.5 | .0 | 26.4 | 15.3 | 26.6 | .1 | | 33.8 | 2959 |
| | 18-20 | | 21.8 | .0 | 4.8 | | 26.3 | 20.6 | 25.5 | .2 | | 35.1 | 2951 |
| | 21-23 | | 22.0 | .3 | 5.0 | | 26.3 | 26.5 | 21.0 | .1 | | 34.6 | 2949 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 21.9 | .2 | 4.7 | .0 | 26.1 | 23.0 | 20.3 | .2 | | 33.4 | 23650 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| FEB | 00-22 | | 19.8 | .0 | 1.7 | | 21.4 | 22.1 | 18.3 | | | 28.8 | 2687 |
| | 03-05 | .0 | 21.9 | .0 | 2.0 | | 23.6 | 24.6 | 16.4 | | | 29.8 | 2688 |
| | 06-08 | | 20.3 | .0 | 2.6 | | 22.4 | 30.2 | 17.9 | | | 34.8 | 2689 |
| | 09-11 | | 19.2 | | 2.2 | | 21.0 | 22.0 | 24.7 | | | 35.0 | 2691 |
| | 12-14 | | 21.2 | .0 | 1.6 | .1 | 22.6 | 9.1 | 21.6 | | | 26.5 | 2688 |
| | 15-17 | .0 | 23.1 | .0 | 1.4 | .0 | 24.2 | 8.0 | 19.1 | | | 23.6 | 2682 |
| | 18-20 | .0 | 21.8 | .1 | 1.5 | | 23.3 | 10.4 | 21.3 | | | 26.2 | 2692 |
| | 21-23 | | 20.0 | .1 | 1.5 | | 21.3 | 16.8 | 20.7 | .0 | | 28.3 | 2694 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 20.9 | .0 | 1.8 | .0 | 22.5 | 17.9 | 20.0 | .0 | | 29.1 | 21511 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACDMA
STATION NAME

41-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 00-02 | | 18.6 | | 1.9 | | 20.1 | 12.8 | 15.6 | | | 22.0 | 2966 |
| | 03-05 | | 19.1 | | 1.8 | | 20.6 | 17.7 | 15.9 | | | 25.5 | 2959 |
| | 06-08 | | 19.4 | | 1.8 | | 21.0 | 25.1 | 18.2 | | | 32.2 | 2963 |
| | 09-11 | .0 | 18.5 | | 1.6 | .1 | 19.8 | 11.1 | 20.0 | | | 25.9 | 2961 |
| | 12-14 | | 19.7 | | 1.4 | .1 | 20.7 | 3.3 | 12.4 | | | 14.3 | 2964 |
| | 15-17 | .0 | 20.7 | | 1.4 | .1 | 21.7 | 2.6 | 10.4 | | | 11.8 | 2956 |
| | 18-20 | .1 | 18.4 | .0 | 1.3 | | 19.4 | 3.5 | 13.6 | | | 15.7 | 2961 |
| | 21-23 | | 18.4 | | 1.3 | | 19.5 | 7.0 | 15.0 | | | 18.1 | 2955 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 19.1 | .0 | 1.6 | .0 | 20.4 | 10.4 | 15.1 | | | 20.7 | 23685 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 41-72 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 00-02 | .0 | 15.8 | | .2 | | 15.9 | 8.1 | 11.2 | | | 15.4 | 2864 |
| | 03-05 | | 16.6 | | .1 | | 16.6 | 15.6 | 12.3 | | .0 | 21.5 | 2860 |
| | 06-08 | | 16.0 | | .0 | | 16.0 | 17.1 | 15.7 | | | 25.7 | 2860 |
| | 09-11 | .0 | 15.3 | | .1 | | 15.5 | 3.8 | 14.8 | | .0 | 17.0 | 2859 |
| | 12-14 | .2 | 15.9 | | .2 | .1 | 15.9 | 1.0 | 7.6 | | | 8.2 | 2859 |
| | 15-17 | .1 | 17.8 | | .1 | .1 | 17.9 | 1.1 | 5.0 | | | 5.6 | 2856 |
| | 18-20 | .1 | 17.0 | | .0 | | 17.0 | 1.2 | 7.9 | | | 8.7 | 2858 |
| | 21-23 | .1 | 14.3 | | | | 14.3 | 2.3 | 8.6 | | | 9.7 | 2865 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 16.1 | | .1 | .0 | 16.1 | 6.3 | 10.4 | | .0 | 14.0 | 22881 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 41-72 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY | 00-02 | .1 | 9.2 | | | | 9.2 | 2.7 | 7.2 | | | 8.9 | 2963 |
| | 03-05 | .0 | 11.0 | | | | 11.0 | 12.6 | 9.4 | | | 18.0 | 2960 |
| | 06-08 | | 11.2 | | | | 11.2 | 10.3 | 14.0 | | | 20.6 | 2958 |
| | 09-11 | .0 | 10.4 | | | | 10.4 | 2.0 | 10.4 | | | 11.6 | 2954 |
| | 12-14 | .1 | 11.1 | | | .1 | 11.1 | .8 | 4.1 | | | 4.8 | 2964 |
| | 15-17 | .3 | 11.2 | | | .0 | 11.2 | .7 | 3.2 | | | 3.7 | 2965 |
| | 18-20 | .1 | 10.1 | | | | 10.1 | .9 | 5.3 | | | 6.0 | 2962 |
| | 21-23 | .2 | 8.8 | | | | 8.8 | 1.1 | 7.0 | | | 7.5 | 2961 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 10.4 | | | .0 | 10.4 | 3.9 | 7.6 | | | 10.1 | 23687 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 00-02 | .1 | 9.0 | | | | 9.0 | 3.3 | 7.3 | | | 9.3 | 2810 |
| | 03-05 | | 9.4 | | | | 9.4 | 14.3 | 11.3 | | | 19.1 | 2809 |
| | 06-08 | | 10.1 | | | | 10.1 | 9.8 | 13.5 | | .0 | 19.2 | 2808 |
| | 09-11 | | 9.9 | | | | 9.9 | 2.4 | 10.2 | | | 12.0 | 2810 |
| | 12-14 | .1 | 11.0 | | | .0 | 11.0 | .7 | 4.5 | | | 5.2 | 2810 |
| | 15-17 | .4 | 10.8 | | | .0 | 10.8 | .6 | 2.4 | | | 3.0 | 2815 |
| | 18-20 | .1 | 8.6 | | | | 8.6 | .6 | 4.3 | | | 4.8 | 2807 |
| | 21-23 | .1 | 7.2 | | | | 7.2 | 1.0 | 5.6 | | | 6.2 | 2808 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 9.5 | | | .0 | 9.5 | 4.1 | 7.4 | | .0 | 9.9 | 22477 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 00-02 | .2 | 3.7 | | | | 3.7 | 1.9 | 6.3 | | | 7.7 | 2982 |
| | 03-05 | .1 | 4.9 | | | | 4.9 | 13.8 | 9.6 | | | 18.5 | 2979 |
| | 06-08 | .0 | 6.8 | | | | 6.8 | 12.3 | 13.9 | | | 22.5 | 2969 |
| | 09-11 | .0 | 4.4 | | | | 4.4 | 2.7 | 10.8 | | .0 | 12.9 | 2966 |
| | 12-14 | .1 | 4.2 | | | | 4.2 | .3 | 5.1 | | | 5.4 | 2983 |
| | 15-17 | .1 | 4.6 | | | | 4.6 | .3 | 3.6 | | | 3.9 | 2973 |
| | 18-20 | .1 | 3.8 | | | | 3.8 | .3 | 5.6 | | | 6.0 | 2985 |
| | 21-23 | .3 | 3.5 | | | | 3.5 | .5 | 6.0 | | | 6.3 | 2987 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 4.5 | | | | 4.5 | 4.0 | 7.6 | | .0 | 10.4 | 23824 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 00-02 | .0 | 4.7 | | | | 4.7 | 4.8 | 12.1 | | | 14.6 | 2968 |
| | 03-05 | .2 | 6.8 | | | | 6.8 | 19.4 | 14.3 | | | 26.5 | 2970 |
| | 06-08 | | 6.3 | | | | 6.3 | 24.4 | 21.6 | | | 37.0 | 2961 |
| | 09-11 | | 5.4 | | | | 5.4 | 5.8 | 21.9 | | | 25.3 | 2960 |
| | 12-14 | .1 | 5.1 | | | | 5.1 | 1.1 | 9.8 | | .0 | 10.9 | 2962 |
| | 15-17 | .2 | 6.1 | | | | 6.1 | 1.0 | 5.6 | | | 6.5 | 2960 |
| | 18-20 | .1 | 5.4 | | | | 5.4 | 1.1 | 9.5 | | | 10.4 | 2974 |
| | 21-23 | .1 | 3.7 | | | | 3.7 | 1.5 | 10.8 | | | 11.7 | 2970 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 5.4 | | | | 5.4 | 7.4 | 13.2 | | .0 | 17.9 | 23725 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 STATION MCCHURD AFB WASHINGTON/TACOMA 90-71 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | .1 | 7.7 | | | | 7.7 | 20.2 | 24.0 | | | 34.8 | 2874 |
| | 03-05 | | 8.0 | | | | 8.8 | 34.1 | 24.3 | | | 43.7 | 2875 |
| | 06-08 | .0 | 10.1 | | | | 10.1 | 41.1 | 28.4 | | | 51.5 | 2873 |
| | 09-11 | .0 | 8.9 | | | | 8.9 | 15.7 | 33.5 | | | 41.5 | 2875 |
| | 12-14 | .1 | 7.4 | | | | 7.4 | 3.9 | 24.6 | | | 26.8 | 2876 |
| | 15-17 | .1 | 7.9 | | | | 7.9 | 2.1 | 19.5 | | .0 | 20.5 | 2872 |
| | 18-20 | .1 | 8.8 | | | | 8.8 | 3.7 | 22.9 | | | 24.8 | 2876 |
| | 21-23 | .1 | 7.9 | | | | 7.9 | 9.7 | 25.2 | | | 29.3 | 2876 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 8.4 | | | | 8.4 | 16.3 | 25.3 | | .0 | 34.2 | 22997 |

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | | 14.5 | | .1 | | 14.5 | 35.9 | 25.0 | | | 44.0 | 2962 |
| | 03-05 | | 14.9 | | .0 | | 14.9 | 41.2 | 21.9 | | | 46.6 | 2963 |
| | 06-08 | | 16.0 | | | | 16.0 | 43.7 | 22.0 | | | 49.1 | 2967 |
| | 09-11 | .0 | 15.1 | | | .0 | 15.1 | 23.5 | 30.3 | | | 43.8 | 2969 |
| | 12-14 | .1 | 16.9 | | | .0 | 16.9 | 8.5 | 30.6 | | | 34.7 | 2968 |
| | 15-17 | .1 | 17.3 | | | .0 | 17.3 | 5.6 | 27.8 | | | 30.7 | 2968 |
| | 18-20 | .1 | 14.8 | | | | 14.8 | 10.6 | 29.7 | | | 34.1 | 2962 |
| | 21-23 | .1 | 14.1 | | | | 14.1 | 24.4 | 28.5 | | .0 | 39.0 | 2967 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 15.4 | | .0 | .0 | 15.4 | 24.4 | 27.0 | | .0 | 40.3 | 23726 |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSNOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| NOV | 00-02 | | 21.4 | .0 | .1 | | 21.5 | 32.5 | 18.7 | | | 38.7 | 2866 |
| | 03-05 | .0 | 22.4 | | .5 | .0 | 22.8 | 33.0 | 16.1 | | | 38.0 | 2871 |
| | 06-08 | .0 | 21.3 | | .3 | | 21.5 | 35.4 | 16.7 | | | 39.4 | 2873 |
| | 09-11 | | 20.3 | | .6 | | 20.9 | 28.4 | 23.8 | | | 39.8 | 2870 |
| | 12-14 | .0 | 20.4 | | .7 | .1 | 20.9 | 16.1 | 23.7 | | | 32.9 | 2871 |
| | 15-17 | .0 | 22.3 | | .7 | .0 | 23.0 | 14.5 | 27.9 | | | 34.9 | 2869 |
| | 18-20 | | 21.2 | | .3 | | 21.5 | 20.7 | 26.5 | | .0 | 36.4 | 2868 |
| | 21-23 | | 21.5 | .0 | .3 | | 21.6 | 29.2 | 22.3 | | .0 | 38.7 | 2871 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 21.4 | .0 | .4 | .0 | 21.7 | 26.2 | 22.0 | | .0 | 37.4 | 22959 |

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 40-71 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| DEC | 00-02 | | 23.7 | .1 | 2.3 | | 25.5 | 29.7 | 13.7 | | .0 | 33.8 | 2963 |
| | 03-05 | | 25.7 | .1 | 2.3 | | 27.4 | 29.1 | 11.3 | | | 32.4 | 2962 |
| | 06-08 | | 26.2 | .1 | 2.0 | | 27.9 | 30.4 | 13.2 | .0 | | 34.3 | 2959 |
| | 09-11 | | 24.7 | .1 | 2.1 | | 26.6 | 29.6 | 20.0 | | | 37.2 | 2968 |
| | 12-14 | | 23.4 | .1 | 2.3 | | 25.4 | 19.9 | 22.4 | | | 32.9 | 2966 |
| | 15-17 | .0 | 25.1 | | 1.9 | .0 | 26.6 | 20.2 | 25.5 | | | 35.0 | 2964 |
| | 18-20 | | 24.7 | .0 | 1.9 | | 26.2 | 23.9 | 20.9 | | | 33.3 | 2967 |
| | 21-23 | .1 | 22.3 | .1 | 2.1 | | 24.0 | 27.5 | 16.4 | | | 33.1 | 2968 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 24.5 | .1 | 2.1 | .0 | 26.2 | 26.3 | 17.9 | .0 | .0 | 34.0 | 23717 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. The data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The definitions of the phenomena in the Weather Conditions Summary above also apply for the categories presented in these tabulations. However, it should be noted that in this summary the columns headed "% OF DAYS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

24207 MCCHORD AFB WASHINGTON/TACOMA 46-72 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | .6 | 68.1 | 1.3 | 24.1 | 1.1 | 76.0 | 55.8 | 49.7 | .7 | | 64.9 | 837 |
| FEB | | .5 | 65.1 | .8 | 11.4 | 1.3 | 68.0 | 53.7 | 51.4 | .3 | | 64.7 | 762 |
| APR | | 1.0 | 65.3 | .4 | 12.4 | 4.5 | 68.0 | 42.5 | 41.7 | .2 | | 53.5 | 837 |
| APR | | 2.6 | 60.8 | | 3.6 | 5.2 | 61.6 | 34.4 | 33.1 | | | 43.7 | 810 |
| MAY | | 2.4 | 47.3 | | .4 | 2.3 | 46.4 | 26.4 | 31.2 | | | 39.4 | 837 |
| JUN | | 3.0 | 47.6 | | | .2 | 48.9 | 24.2 | 28.0 | | | 35.9 | 810 |
| JUL | | 2.4 | 24.9 | | | | 25.3 | 25.3 | 26.5 | | | 35.6 | 837 |
| AUG | | 3.0 | 32.1 | | | .2 | 32.8 | 39.3 | 45.4 | | | 53.5 | 806 |
| SEP | | 1.8 | 41.9 | | | .5 | 40.6 | 59.7 | 61.0 | | | 71.3 | 780 |
| OCT | | 1.8 | 58.5 | | .4 | .7 | 56.9 | 65.0 | 61.1 | | | 72.4 | 805 |
| NOV | | 1.0 | 68.7 | .4 | 3.3 | 1.7 | 69.9 | 62.9 | 54.6 | | | 69.4 | 780 |
| DEC | | .7 | 73.9 | .9 | 16.9 | .7 | 78.2 | 60.3 | 46.2 | .1 | | 66.0 | 806 |
| TOTALS | | 1.7 | 54.5 | .3 | 6.0 | 1.5 | 56.2 | 45.8 | 44.2 | .1 | | 55.9 | 9707 |

DATA LINKS DIVISION
FACILITY
AIR FORCE STATION (SAC)
ALBUQUERQUE, NEW MEXICO

TABLE B PRECIPITATION, SNOWFALL & SNOW DEPTH

The summary of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

| | |
|---------------|---------------------------------|
| PRECIPITATION | DERIVED FROM DAILY OBSERVATIONS |
| SNOWFALL | DERIVED FROM DAILY OBSERVATIONS |
| SNOW DEPTH | DERIVED FROM DAILY OBSERVATIONS |

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and year, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

| | | |
|---|--------------------------------------|------------------------|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather Bureau Stations | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

24207

MCCHURD AFB WASHINGTON/TACHMA

40-72

STATION

STATION NAME

YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|-------|---------|-------|--------|-------|--------|-----------|-----------|------------|-------------|------------|------|---|---------------------------|-----------------------------|-------|--|
| PRECIP | NONE | TRACE | 01 | .02-.05 | 06-10 | .11-25 | 26-50 | 51-100 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | MEAN | | | GREATEST | LEAST | |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | | |
| JAN | 27.2 | 11.3 | 3.4 | 9.4 | 8.4 | 13.7 | 13.3 | 9.2 | 3.7 | | | | | 61.5 | 992 | 5.95 | 12.37 | .56 | |
| FEB | 33.2 | 11.0 | 3.3 | 11.1 | 7.2 | 14.2 | 11.3 | 6.6 | 2.1 | .1 | | | | 55.9 | 904 | 4.26 | 10.27 | 1.38 | |
| MAR | 33.1 | 12.5 | 3.3 | 10.6 | 8.9 | 16.1 | 10.2 | 4.2 | .9 | | | | | 54.4 | 992 | 3.69 | 7.00 | .62 | |
| APR | 37.3 | 15.4 | 3.3 | 10.5 | 7.9 | 13.1 | 8.6 | 3.4 | .3 | | | | | 47.3 | 960 | 2.70 | 5.65 | .25 | |
| MAY | 51.3 | 16.6 | 3.3 | 8.5 | 5.6 | 7.4 | 3.5 | 1.6 | .1 | | | | | 32.1 | 992 | 1.64 | 4.10 | .13 | |
| JUN | 53.0 | 16.1 | 3.2 | 8.2 | 5.1 | 7.8 | 4.6 | 1.6 | .3 | | | | | 30.8 | 960 | 1.57 | 4.21 | .13 | |
| JUL | 75.1 | 11.0 | 1.3 | 2.8 | 2.6 | 3.6 | 2.4 | 1.0 | .1 | | | | | 13.9 | 992 | .80 | 2.60 | TRACE | |
| AUG | 67.1 | 13.8 | 2.0 | 4.7 | 3.5 | 4.1 | 2.8 | 1.7 | .1 | | | | | 19.1 | 992 | 1.11 | 5.43 | TRACE | |
| SEP | 59.6 | 12.6 | 2.3 | 6.0 | 4.2 | 7.3 | 4.7 | 2.7 | .6 | | | | | 27.8 | 960 | 1.83 | 5.12 | .20 | |
| OCT | 41.5 | 12.0 | 3.0 | 9.2 | 5.5 | 10.9 | 9.9 | 6.8 | 1.5 | | | | | 46.5 | 961 | 3.84 | 7.62 | .89 | |
| NOV | 30.5 | 9.0 | 4.3 | 9.9 | 7.6 | 15.0 | 11.4 | 9.1 | 3.1 | .2 | | | | 60.5 | 960 | 5.69 | 11.59 | 1.23 | |
| DEC | 25.1 | 11.4 | 3.2 | 9.6 | 8.9 | 17.0 | 13.8 | 8.0 | 3.0 | | | | | 63.5 | 992 | 5.74 | 10.55 | 2.42 | |
| ANNUAL | 44.5 | 12.7 | 3.0 | 8.4 | 6.3 | 10.8 | 8.2 | 4.6 | 1.3 | .0 | | | | 42.8 | 11657 | 38.82 | | | |

DATA PROCESSING BRANCH
JSAF ETA
AIR EAT-10 SERVICE/ SC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

242-7
STATION

COCHRAN AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|------|------|-------|-------|------|------|------|------|---------------|
| 41 | 1.25 | .46 | .48 | .38 | .72 | .62 | .07 | .41 | .53 | .63 | .81 | .72 | |
| 42 | .74 | .87 | .41 | .34 | .49 | .58 | .47 | .11 | .16 | 1.35 | 1.49 | .73 | 1.49 |
| 43 | .40 | .72 | 1.58 | .49 | .44 | .75 | .35 | .51 | .51 | .74 | .47 | 1.12 | 1.58 |
| 44 | 1.10 | .80 | .52 | .41 | .60 | .40 | TRACE | .43 | .37 | .54 | .66 | 1.04 | 1.18 |
| 45 | .50 | 1.37 | .67 | .56 | .84 | .10 | .30 | .72 | 1.52 | .80 | 1.09 | 1.50 | 1.52 |
| 46 | 1.33 | 1.26 | .96 | .42 | .29 | .84 | .96 | .06 | .64 | .77 | 1.11 | .73 | |
| 47 | 1.53 | 1.07 | .79 | .41 | .10 | .25 | .31 | .22 | .48 | 1.23 | .44 | .73 | 1.55 |
| 48 | 1.08 | 1.73 | 2.15 | .75 | .96 | .91 | .68 | .32 | 1.19 | .57 | .81 | 1.61 | 2.15 |
| 49 | .17 | 1.94 | .62 | .35 | .47 | .42 | .22 | .09 | .40 | 1.06 | 1.81 | 1.55 | 1.94 |
| 50 | 1.20 | .54 | .44 | .52 | .18 | .13 | .29 | .02 | .66 | 1.06 | .86 | 1.31 | 1.20 |
| 51 | 1.01 | 2.75 | 1.07 | .31 | .33 | .10 | .51 | .10 | 1.10 | .87 | .39 | .69 | 2.75 |
| 52 | .71 | .59 | .50 | .92 | .35 | .33 | .27 | .19 | .10 | .37 | .31 | .37 | .71 |
| 53 | 1.22 | .59 | .80 | .42 | .52 | .62 | .23 | .89 | 1.21 | 1.03 | .87 | 1.32 | 1.32 |
| 54 | 1.73 | .89 | .85 | .48 | .42 | .57 | .78 | .87 | .58 | .68 | .92 | .61 | 1.73 |
| 55 | 1.11 | 1.67 | .62 | .56 | .68 | .23 | .88 | .02 | .51 | 1.17 | 2.05 | 1.81 | 2.05 |
| 56 | 1.07 | .37 | 1.14 | .09 | .34 | .71 | .61 | .70 | .32 | 1.21 | 1.23 | 1.73 | 1.73 |
| 57 | .81 | .91 | 1.03 | .53 | .45 | .44 | 1.18 | .54 | .52 | 1.21 | 1.17 | .88 | 1.21 |
| 58 | 1.06 | .86 | .22 | .93 | .63 | .75 | TRACE | .22 | .42 | 1.38 | 1.50 | 1.38 | 1.50 |
| 59 | 1.24 | .50 | .63 | .59 | .87 | .41 | .13 | .40 | .83 | .63 | 2.91 | 1.00 | 2.91 |
| 60 | 1.04 | 1.37 | .67 | .94 | .59 | .38 | .01 | .70 | .23 | 1.53 | 1.99 | 1.23 | 1.99 |
| 61 | .97 | 1.52 | .72 | .68 | .72 | .41 | .53 | .50 | .10 | .51 | 1.09 | 1.01 | 1.52 |
| 62 | .71 | .60 | .63 | .80 | .43 | .35 | .09 | .69 | .60 | 1.51 | 2.96 | .79 | 2.96 |
| 63 | 1.26 | 1.64 | 1.00 | .80 | .46 | .29 | .50 | .48 | .31 | .98 | 1.49 | .93 | 1.64 |
| 64 | 1.67 | .43 | .94 | .22 | .48 | 1.19 | .49 | .88 | .93 | .53 | 1.26 | 1.35 | 1.67 |
| 65 | 1.13 | 1.22 | .22 | 1.70 | .35 | .24 | .40 | .87 | .21 | .63 | .68 | 1.21 | 1.70 |
| 66 | 1.09 | .40 | 1.07 | 1.39 | .99 | .50 | .61 | .23 | .99 | .80 | 1.32 | 1.72 | 1.39 |
| 67 | 2.07 | .85 | .38 | .42 | .23 | 1.32 | .03 | TRACE | .76 | 1.34 | .51 | .86 | 2.07 |
| 68 | .99 | 1.26 | 1.04 | .67 | .54 | 1.39 | .32 | 1.35 | .81 | .74 | 1.11 | 1.14 | 1.39 |
| 69 | 1.07 | 1.11 | .53 | .55 | 1.36 | .43 | .36 | .21 | 1.67 | .84 | 1.47 | 1.14 | 1.67 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

EXTREME VALUES

24207
STATION

BOCHARD AFB WASHINGTON/TACOMA
STATION NAME

40-72

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 70 | 1.54 | 1.29 | .88 | .92 | .29 | .18 | .23 | .18 | .41 | .73 | .68 | 1.92 | 1.92 |
| 71 | 1.31 | 1.07 | 1.14 | .83 | .33 | .94 | .21 | .44 | .77 | .96 | 1.01 | 1.10 | 1.31 |
| 72 | 1.62 | 1.67 | 2.28 | 1.62 | .30 | .71 | .53 | | | | | | |
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| | | | | | | | | | | | | | |
| MEAN | 1.12 | 1.07 | .82 | .65 | .52 | .55 | .39 | .40 | .64 | .91 | 1.14 | 1.17 | 1.74 |
| S. D. | .387 | .521 | .462 | .375 | .262 | .337 | .290 | .322 | .387 | .327 | .622 | .412 | .517 |
| TOTAL OBS. | 992 | 994 | 992 | 980 | 992 | 960 | 992 | 992 | 940 | 961 | 980 | 992 | 11657 |

EXTREME VALUES

24207
STATION

CCN RD APR WASHINGTON/TACOMA
STATION NAME

40-72

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

24207
STATIONALCHORD AFB WASHINGTON/TACOMA
STATION NAME40-72
YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01 0 4 | 0 5 1 4 | 1 5 2 4 | 2 5 3 4 | 3 5 4 4 | 4 5 6 4 | 6 5 10 4 | 10 5 15 4 | 15 5 25 4 | 25 5 50 4 | OVER 50 4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4 6 | 7 12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 70.1 | 12.8 | 2.8 | 4.3 | 1.7 | .6 | .0 | .4 | .3 | | | | | 11.1 | 837 | 2.9 | 30.0 | .0 |
| FEB | 86.2 | 0.8 | 1.4 | 1.2 | .0 | .1 | .3 | | .3 | | | | | 2.8 | 763 | 1.6 | 9.3 | .0 |
| MAR | 80.4 | 9.6 | 1.0 | 1.4 | .8 | .4 | | .1 | | | | | | 4.1 | 827 | 1.3 | 9.7 | .0 |
| APR | 94.9 | 4.8 | .2 | | | | | | | | | | | .2 | 510 | TRACE | .2 | .0 |
| MAY | 99.5 | .5 | | | | | | | | | | | | | 837 | TRACE | TRACE | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 810 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 837 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 806 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 780 | .0 | .0 | .0 |
| OCT | 99.5 | .2 | | .2 | | | | | | | | | | .2 | 865 | .1 | 2.2 | .0 |
| NOV | 96.8 | 2.2 | | .4 | .3 | .1 | | .1 | .1 | | | | | 1.0 | 779 | .9 | 8.4 | .0 |
| DEC | 84.5 | 10.6 | 2.1 | 1.3 | .8 | | .6 | .1 | | | | | | 4.9 | 774 | 1.9 | 14.2 | .0 |
| ANNUAL | 93.8 | 4.1 | .7 | .7 | .3 | .1 | .1 | .1 | .1 | | | | | 2.1 | 9674 | 11.7 | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CL12169
22 NOV 76

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

104R

24207
STATION

MCCHORD AFB WA/TACOMA
STATION NAME

66-75
YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|---------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 71.9 | 14.2 | 4.8 | 4.5 | 1.0 | 1.0 | .6 | 1.0 | 1.0 | | | | | 13.9 | 310 | 7.8 | 30.0 | 1.0 |
| FEB | 88.3 | 9.9 | .7 | .4 | .4 | .4 | | | | | | | | 1.8 | 282 | .6 | 3.2 | .0 |
| MAR | 87.7 | 8.7 | 1.6 | .6 | 1.0 | .3 | | | | | | | | 3.5 | 310 | 1.1 | 4.0 | .0 |
| APR | 93.0 | 6.3 | .7 | | | | | | | | | | | .7 | 300 | TRACE | .2 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 310 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 300 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 310 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 310 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 299 | .0 | .0 | .0 |
| OCT | 98.7 | .6 | | .6 | | | | | | | | | | .6 | 310 | .2 | 2.2 | .0 |
| NOV | 94.7 | 3.7 | 1.0 | .7 | | | | | | | | | | 1.7 | 300 | .2 | 1.3 | .0 |
| DEC | 78.3 | 12.6 | 3.2 | 2.3 | 1.6 | .6 | 1.0 | | .2 | | | | | 9.1 | 309 | 4.2 | 14.2 | .0 |
| ANNUAL | 92.7 | 4.7 | 1.0 | .8 | .3 | .2 | .1 | .1 | .1 | | | | | 2.6 | 3650 | 14.1 | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CL 12/69
22 NOV 76

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

24207
STATION

MCCHORD AFB WA/TACDMA
STATION NAME

20 YR
56-75
YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|----------------------------|-----------------------------|----------|-------|
| PRECIP. | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 77.6 | 12.1 | 3.5 | 3.4 | 1.3 | .6 | .5 | .5 | .5 | | | | | 10.3 | 620 | 5.1 | 30.0 | .0 |
| FEB | 89.2 | 7.4 | 1.2 | 1.1 | .5 | .2 | .2 | | .2 | | | | | 3.4 | 565 | 1.4 | 7.5 | .0 |
| MAR | 87.4 | 9.0 | 1.6 | 1.1 | .5 | .2 | | .2 | | | | | | 3.5 | 620 | 1.1 | 4.8 | .0 |
| APR | 95.5 | 4.2 | .2 | | | | | | | | | | | .3 | 600 | TRACE | .2 | .0 |
| MAY | 99.8 | .2 | | | | | | | | | | | | | 620 | TRACE | TRACE | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 600 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 599 | .0 | .0 | .0 |
| OCT | 99.4 | .2 | | .2 | | | | | | | | | | .3 | 620 | .1 | 2.2 | .0 |
| NOV | 95.8 | 2.8 | .5 | .7 | | | | | .2 | | | | | 1.3 | 598 | .5 | 6.6 | .0 |
| DEC | 84.4 | 10.0 | 1.9 | 1.5 | .9 | .3 | .7 | .2 | .2 | | | | | 5.6 | 588 | 2.8 | 14.2 | .0 |
| ANNUAL | 94.1 | 3.8 | .7 | .7 | .3 | .1 | .1 | .1 | .1 | | | | | 2.1 | 7270 | 11.0 | | |

2

DATA PROCESSING BRANCH
USAF/ETAC/OL 3
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN | FEB | MAR. | APR | MAY | JUN. | JUL | AUG. | SEP | OCT. | NOV. | DEC | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|------|-----|------|-----|-------|-------|-------|---------------|
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0* | .0 | 8.4 | .1 | 8.5 |
| 47 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 |
| 48 | 1.7 | .8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | 2.9 |
| 49 | 2.8 | 9.3 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.6 | 17.7 |
| 50 | 29.6 | .3 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | TRACE | 30.9 |
| 51 | TRACE | TRACE | 5.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.5 |
| 52 | 8.5 | 7.5 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 16.0 |
| 53 | .8 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | 1.0 |
| 54 | 15.1 | TRACE | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 15.1 |
| 55 | TRACE | .8 | 8.7 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | 4.6 | 3.1 | 17.2 |
| 56 | 2.6 | 4.8 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 12.6 |
| 57 | 2.8 | 4.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 7.2 |
| 58 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .0 | 1.0 |
| 59 | 8.2 | 3.7 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .7 | 13.2 |
| 60 | 2.3 | .0 | 4.8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | .0 | 13.7 |
| 61 | .0 | .8 | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | .9 |
| 62 | TRACE | 7.5 | 2.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 10.0 |
| 63 | 2.0 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .5 | .0 | 2.5 |
| 64 | 1.7 | .0 | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0* | .0 | | |
| 65 | 4.7 | TRACE | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 11.2 |
| 66 | 1.0 | TRACE | 4.0 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .5 | 5.5 |
| 67 | 5.4 | TRACE | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | 1.2 | 7.1 |
| 68 | 13.3 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 14.2 | 27.5 |
| 69 | 30.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 30.0 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72
STATION STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLI) JUL 64

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

USAF ETAC FORM 0-88-5 (OLA)

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible]

NOTE * (BASED ON 4 FULL MONTHS)

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-------|-------|-------|---------------|
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0* | .0 | 6.2 | .1 | 6.2 |
| 47 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 |
| 48 | 1.7 | .8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | 1.7 |
| 49 | 1.1 | 4.0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 3.9 | 4.0 |
| 50 | 8.4 | .3 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | TRACE | 8.4 |
| 51 | TRACE | TRACE | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.2 |
| 52 | 4.3 | 7.4 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 7.4 |
| 53 | .8 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .8 |
| 54 | 5.6 | TRACE | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.6 |
| 55 | TRACE | .8 | 2.9 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | 3.0 | 2.0 | 3.0 |
| 56 | 1.8 | 2.4 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 3.6 |
| 57 | 1.2 | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.2 |
| 58 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .0 | 1.0 |
| 59 | 3.4 | 3.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .6 | 3.7 |
| 60 | 1.1 | .0 | 4.5 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | .0 | 6.8 |
| 61 | .0 | .8 | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | .8 |
| 62 | TRACE | 7.5 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 7.5 |
| 63 | 2.0 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 |
| 64 | 1.0 | .0 | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | .0 |
| 65 | 2.1 | TRACE | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 5.5 |
| 66 | 1.0 | TRACE | 2.0 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .5 | 2.0 |
| 67 | 5.4 | TRACE | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .9 | 5.4 |
| 68 | 6.3 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.1 | 6.3 |
| 69 | 6.8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

40-72

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0 88-5 (OLI)

3

EXTREME VALUES

104R

(FROM DAILY OBSERVATIONS)

66-75

YEARS

(

(

1

1

1

1

25

3

1

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

YEARS

1

五

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAJ

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

74237

ROCKWELL AFB WASHINGTON/TACOMA

40-72

STATION

STATION NAME

YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|-------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 85.8 | 3.9 | 2.7 | 1.4 | 2.5 | 1.7 | 1.5 | .4 | | | | | | 10.3 | 992 | | | |
| FEB | 93.7 | 2.4 | .8 | 1.4 | .6 | 1.1 | .1 | | | | | | | 3.9 | 904 | | | |
| MAR | 97.0 | .9 | .8 | .6 | .3 | .4 | | | | | | | | 2.1 | 992 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 960 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 992 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 960 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 992 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 992 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 960 | | | |
| OCT | 99.9 | .1 | | | | | | | | | | | | | 961 | | | |
| NOV | 98.2 | .5 | .2 | .3 | .1 | .3 | .2 | | | | | | | 1.1 | 960 | | | |
| DEC | 95.6 | 1.3 | 1.3 | .9 | .5 | .4 | | | | | | | | 2.1 | 992 | | | |
| ANNUAL | 97.5 | .9 | .5 | .4 | .3 | .3 | .1 | .0 | | | | | | 1.7 | 11637 | | | |

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT. | NOV | DEC | ALL MONTHS |
|---------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|------|-----|-------|---------------|
| 40 | | | | | | | * | 0 | 0 | 0 | 0 | 0 | |
| 41 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE |
| 42 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 43 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 | TRACE | 0 |
| 47 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 48 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 49 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 50 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 51 | TRACE | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 0 |
| 52 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 0 | TRACE | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 56 | TRACE | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 57 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 60 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE |
| 62 | 0 | TRACE | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 65 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 66 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 68 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 69 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24207 MCCORD AFB WASHINGTON/TACOMA 40-72

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1968, and in tens of degrees starting in January 1969. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/140

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TAC-114
STATION NAME

46-72
YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|----------|-------|-------|-------|-------|-------------------------|----------|-------|-------|--------|-------|-------|---------------|
| 40 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 42 |
| 41 | SSW 48 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 42 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 43 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 44 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 45 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 46 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 47 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 48 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 49 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 50 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 51 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 52 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 53 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 54 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 55 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 56 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 57 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 58 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 59 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 60 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 61 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 62 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 63 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 64 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 65 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 66 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 67 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 68 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 69 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 70 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 71 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 72 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 73 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 74 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 75 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 76 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 77 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 78 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 79 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 80 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 81 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 82 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 83 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 84 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 85 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 86 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 87 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 88 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 89 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 90 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 91 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 92 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 93 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 94 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 95 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 96 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 97 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 98 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 99 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| 100 | 43WSW 42 | | | | | SW 30SW 26NNW 24NNW 36S | 38WSW 40 | | | | | | 43 |
| MEAN | 39.6 | 38.8 | 37.2 | 35.5 | 30.5 | 27.3 | 24.4 | 24.0 | 29.1 | 35.1 | 37.0 | 36.0 | 45.9 |
| S. D. | 6.702 | 6.300 | 7.876 | 6.752 | 4.149 | 3.959 | 3.529 | 3.369 | 5.079 | 10.334 | 7.122 | 5.653 | 10.292 |
| TOTAL OBS. | 765 | 725 | 673 | 717 | 740 | 709 | 738 | 645 | 744 | 730 | 689 | 704 | 8585 |

1210 WS FORM 0.88-5 (Det 50)

DATA PROCESSOR: KACON
 DATA ETAL
 AIR DATA SERVICE/AC

EXTREME VALUES

SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

24201 SOUTH RIVER ASHINGTON/FAC/PA 46-72

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS
 /BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------------|------|--------------|------|--------------|--------------|-------------|------------|------|------------|--------------|--------------|---------------|
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | WINDS DAYS |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | WINDS DAYS |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | WINDS DAYS |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | WINDS DAYS |
| 51 | | | W 38 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | WINDS DAYS |
| 52 | S 47 20 | | SSW 28 9 | 0 | NNE 30 14 | | | | | | | SSW 42 26 | WINDS DAYS |
| 53 | 0 | 0 | WNW 36 21 | | | | | | | | | | WINDS DAYS |
| 54 | | | WSW 40 25 | | | | | | | | | | WINDS DAYS |
| 55 | | | | | SSW 35 27 | | | | | S 31 25 | SSW 40 24 | | WINDS DAYS |
| 56 | | | | | | WSW 26 11 | | | | | | | WINDS DAYS |
| 57 | | | | | | | SW 20 24 | | | | | | WINDS DAYS |
| 58 | | | W 33 21 | | | | | N 20 24 | | | | | WINDS DAYS |
| 59 | | | | | | | | E 20 27 | | | | | WINDS DAYS |
| 60 | | | | | | | S 23 23 | N 15 20 | | | SSW 31 20 | S 39 23 | WINDS DAYS |
| 61 | | | | | | SW 22 24 | | | | | | | WINDS DAYS |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

EXTREME VALUES

24203
STATION

ACORN RD APT WASHINGTON/FACOMA
STATION NAME

46-72

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 1.4 | .4 | .0 | .0 | .0 | | | | | 4.5 | 6.1 |
| NNE | 1.2 | 1.6 | 1.7 | .5 | .1 | .0 | .0 | | | | | 5.1 | 6.4 |
| NE | 1.3 | 1.2 | 1.0 | .2 | .0 | .0 | .0 | | | | | 3.7 | 5.6 |
| ENE | .6 | .5 | .2 | .0 | .0 | .0 | | | | | | 1.3 | 4.5 |
| E | .9 | .4 | .1 | .0 | .0 | .0 | .0 | | | | | 1.5 | 3.6 |
| ESE | .7 | .3 | .1 | .0 | .0 | .0 | | | | | | 1.2 | 3.8 |
| SE | 1.2 | .6 | .4 | .1 | .0 | .0 | .0 | | | | | 2.3 | 4.6 |
| SSE | 1.6 | 1.2 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | | | 4.3 | 5.6 |
| S | 3.4 | 3.5 | 3.4 | 1.3 | .2 | .0 | .0 | .0 | | | | 11.8 | 6.3 |
| SSW | 1.8 | 2.5 | 3.9 | 1.9 | .2 | .0 | .0 | | | | | 10.3 | 7.8 |
| SW | 1.9 | 2.2 | 3.2 | 1.5 | .2 | .0 | .0 | .0 | | | | 9.1 | 7.5 |
| WSW | 1.0 | 1.4 | 1.7 | .8 | .2 | .0 | .0 | | | | | 5.1 | 7.5 |
| W | 1.4 | 1.7 | 1.5 | .4 | .1 | .0 | .0 | .0 | | | | 5.3 | 6.3 |
| WNW | .8 | .9 | .7 | .1 | .0 | .0 | .0 | | | | | 2.5 | 5.5 |
| NW | .9 | .8 | .6 | .1 | .0 | .0 | | | | | | 2.4 | 5.1 |
| NNW | .6 | .7 | .5 | .1 | .0 | .0 | .0 | | | | | 2.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.7 | |
| | 20.6 | 21.0 | 21.5 | 7.7 | 1.1 | .2 | .0 | .0 | .0 | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

278825

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHURD AFB WASHINGTON/TACOMA 41-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
NOISE (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | .7 | .6 | .3 | .1 | .0 | .0 | | | | | 3.1 | 6.1 |
| NNE | 1.2 | 1.0 | 1.0 | .6 | .1 | .0 | | | | | | 3.9 | 6.8 |
| NE | 1.7 | 1.1 | .9 | .3 | .1 | .1 | .0 | | | | | 4.1 | 5.9 |
| ENE | .8 | .6 | .2 | .1 | | | | | | | | 1.7 | 4.2 |
| E | 1.5 | .6 | .1 | .0 | .0 | | | | | | | 2.2 | 3.2 |
| ESE | 1.1 | .4 | .2 | .0 | | | | | | | | 1.7 | 3.7 |
| SE | 1.8 | .9 | .6 | .2 | .0 | | | | | | | 3.6 | 4.7 |
| SSE | 2.0 | 1.9 | 1.7 | .6 | .1 | .0 | | | | | | 6.2 | 6.0 |
| S | 3.5 | 4.2 | 5.1 | 2.9 | .5 | .0 | .0 | | | | | 16.1 | 7.4 |
| SSW | 1.5 | 2.1 | 4.5 | 3.4 | .5 | .1 | .0 | | | | | 12.1 | 9.1 |
| SW | 1.6 | 1.2 | 2.5 | 1.7 | .3 | .1 | .0 | | | | | 7.4 | 8.4 |
| WSW | .6 | .4 | .6 | .5 | .2 | .1 | .0 | | | | | 2.5 | 9.0 |
| W | .7 | .4 | .2 | .1 | .0 | .0 | | | | | | 1.5 | 5.2 |
| WNW | .4 | .1 | .0 | .0 | .0 | | | | | | | .5 | 3.6 |
| NW | .7 | .2 | .1 | .0 | .0 | | | | | | | 1.0 | 3.7 |
| NNW | .4 | .2 | .1 | .0 | .0 | | | | | | | .8 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.7 | |
| | 20.8 | 15.8 | 18.4 | 10.9 | 2.0 | .4 | .0 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 23653

DATA PROCESSING BRANCH
LAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.0 | .8 | .2 | .1 | .0 | | | | | | 3.4 | 5.5 |
| NNE | 1.4 | 1.3 | 1.1 | .7 | .1 | .0 | | | | | | 4.6 | 6.7 |
| NE | 1.5 | 1.3 | 1.1 | .4 | .1 | | | | | | | 4.4 | 5.9 |
| ENE | .8 | .6 | .3 | .1 | | .0 | | | | | | 1.8 | 4.6 |
| E | 1.1 | .6 | .2 | .0 | .0 | .0 | | | | | | 2.0 | 4.0 |
| ESE | .9 | .4 | .2 | .0 | .0 | .0 | | | | | | 1.5 | 3.8 |
| SE | 1.6 | .8 | .4 | .1 | .0 | .0 | | | | | | 2.9 | 4.3 |
| SSE | 1.8 | 1.5 | 1.4 | .6 | .1 | .0 | | | | | | 5.3 | 5.9 |
| S | 3.8 | 3.7 | 4.6 | 1.7 | .3 | .0 | | | | | | 14.2 | 6.7 |
| SSW | 1.8 | 2.3 | 4.6 | 3.1 | .5 | .1 | .0 | | | | | 12.4 | 8.7 |
| SW | 1.6 | 1.9 | 3.1 | 2.3 | .4 | .1 | .0 | | | | | 9.4 | 8.4 |
| WSW | .5 | .7 | 1.2 | 1.0 | .2 | .0 | | | | | | 3.6 | 9.0 |
| W | .7 | .6 | .5 | .2 | .1 | .0 | .0 | | | | | 2.2 | 6.7 |
| WNW | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | .2 | 4.8 |
| NW | .8 | .3 | .1 | .0 | .0 | | | | | | | 1.3 | 4.2 |
| NNW | .6 | .5 | .2 | .1 | .0 | | | | | | | 1.4 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.9 | |
| | 20.7 | 17.8 | 19.9 | 10.5 | 1.9 | .3 | .0 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 21510

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.4 | 1.3 | .5 | .1 | .0 | .0 | | | | | 4.2 | 5.7 |
| NNE | 1.2 | 1.5 | 1.4 | .5 | .1 | .0 | | | | | | 4.6 | 6.4 |
| NE | 1.2 | 1.1 | .8 | .2 | .0 | .0 | | | | | | 3.3 | 5.3 |
| ENE | .6 | .4 | .2 | .0 | | | | | | | | 1.2 | 4.4 |
| E | .9 | .5 | .3 | .0 | | | | | | | | 1.7 | 4.0 |
| ESE | .8 | .4 | .2 | .0 | .0 | | | | | | | 1.5 | 4.1 |
| SE | 1.3 | .8 | .5 | .1 | .0 | | | | | | | 2.7 | 4.7 |
| SSE | 1.8 | 1.6 | 1.8 | .7 | .1 | | | | | | | 6.0 | 6.3 |
| S | 3.3 | 3.9 | 4.5 | 2.1 | .4 | .1 | .0 | | | | | 14.2 | 7.1 |
| SSW | 1.7 | 2.2 | 5.2 | 3.2 | .5 | .0 | .0 | | | | | 12.8 | 8.8 |
| SW | 1.5 | 1.8 | 3.3 | 2.1 | .5 | .1 | .0 | | | | | 9.2 | 8.6 |
| WSW | .8 | .7 | 1.8 | 1.2 | .3 | .1 | | | | | | 5.1 | 8.9 |
| W | .9 | .9 | .9 | .4 | .2 | .1 | .0 | | | | | 3.5 | 7.8 |
| WNW | .5 | .4 | .3 | .1 | .0 | | .0 | | | | | 1.3 | 5.4 |
| NW | .6 | .6 | .2 | .0 | | .0 | | | | | | 1.5 | 4.6 |
| NNW | .6 | .5 | .3 | .1 | .0 | .0 | | | | | | 1.5 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.6 | |
| | 18.6 | 18.9 | 23.1 | 11.2 | 2.1 | .4 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 23677

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 41-72 YEARS APR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 1.5 | 1.4 | .5 | .0 | .0 | | | | | | 4.5 | 6.3 |
| NNE | .9 | 1.3 | 1.5 | .4 | .0 | .0 | | | | | | 3.1 | 6.5 |
| NE | 1.0 | 1.1 | .9 | .1 | .0 | | | | | | | 3.2 | 5.5 |
| ENE | .4 | .3 | .2 | .0 | | | | | | | | 1.0 | 4.5 |
| E | .7 | .4 | .1 | .0 | | | | | | | | 1.3 | 3.8 |
| ESE | .6 | .3 | .1 | .0 | .0 | | | | | | | 1.1 | 4.0 |
| SE | .9 | .6 | .4 | .1 | .0 | | | | | | | 2.0 | 4.8 |
| SSE | 1.4 | 1.2 | 1.0 | .3 | .0 | .0 | | | | | | 3.9 | 5.6 |
| S | 3.3 | 4.0 | 4.0 | 1.2 | .1 | .0 | .0 | .0 | | | | 12.7 | 6.4 |
| SSW | 1.7 | 3.0 | 4.9 | 2.5 | .4 | .0 | | | | | | 12.5 | 8.1 |
| SW | 1.8 | 2.3 | 4.1 | 2.1 | .4 | .0 | .0 | | | | | 10.8 | 8.2 |
| WSW | 1.1 | 1.5 | 2.2 | 1.5 | .3 | .1 | | | | | | 6.7 | 8.5 |
| W | 1.5 | 1.8 | 1.9 | .9 | .2 | .1 | | | | | | 6.4 | 7.3 |
| WNW | .7 | .9 | .7 | .2 | .0 | .0 | | | | | | 2.6 | 6.0 |
| NW | 1.0 | .8 | .8 | .2 | .0 | .0 | | | | | | 2.8 | 5.7 |
| NNW | .6 | .7 | .7 | .2 | .2 | .0 | .0 | | | | | 2.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.4 | |
| | 18.8 | 21.7 | 25.0 | 10.2 | 1.7 | .3 | .0 | .0 | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 22881

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.0 | 1.9 | .6 | .0 | | | | | | | 5.8 | 6.3 |
| NNE | 1.1 | 1.9 | 2.4 | .7 | .0 | .0 | | | | | | 6.2 | 6.9 |
| NE | 1.1 | 1.2 | 1.3 | .4 | .0 | .0 | | | | | | 4.0 | 6.2 |
| ENE | .5 | .4 | .3 | .1 | | | | | | | | 1.4 | 5.1 |
| E | .6 | .4 | .1 | .0 | | | | | | | | 1.1 | 4.0 |
| ESE | .5 | .2 | .1 | .0 | | | | | | | | .8 | 4.0 |
| SE | .8 | .4 | .2 | .0 | .0 | | | | | | | 1.5 | 4.2 |
| SSE | 1.3 | .9 | .5 | .1 | .0 | | | | | | | 2.9 | 4.7 |
| S | 3.1 | 2.9 | 2.0 | .5 | .1 | .0 | | | | | | 8.6 | 5.4 |
| SSW | 1.9 | 2.9 | 3.6 | 1.2 | .1 | .0 | .0 | | | | | 9.8 | 6.9 |
| SW | 2.1 | 2.7 | 4.0 | 1.5 | .1 | .0 | | | | | | 10.5 | 7.2 |
| WSW | 1.3 | 2.1 | 2.7 | 1.3 | .2 | .0 | .0 | | | | | 7.6 | 7.6 |
| W | 2.0 | 3.0 | 2.8 | 1.0 | .2 | .0 | .0 | | | | | 9.0 | 6.8 |
| WNW | 1.1 | 1.3 | 1.2 | .3 | .1 | .0 | .0 | | | | | 3.9 | 6.1 |
| NW | 1.0 | 1.1 | .9 | .2 | | | | | | | | 3.2 | 5.7 |
| NNW | .7 | 1.1 | .9 | .2 | .0 | | | | | | | 2.8 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.9 | |
| | 20.5 | 24.6 | 25.0 | 8.1 | .8 | .1 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

23691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.8 | 1.9 | .3 | .0 | | | | | | | 5.3 | 6.2 |
| NNE | 1.0 | 1.9 | 2.1 | .5 | .0 | | | | | | | 5.6 | 6.5 |
| NE | 1.1 | 1.1 | .9 | .1 | | | | | | | | 3.2 | 5.3 |
| ENE | .5 | .3 | .1 | .0 | | | | | | | | .9 | 4.1 |
| E | .6 | .2 | .1 | | | | | | | | | 1.0 | 3.6 |
| ESE | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | .6 | 3.9 |
| SE | .7 | .3 | .1 | .0 | | | | | | | | 1.2 | 3.7 |
| SSE | 1.2 | .9 | .3 | .0 | | | | | | | | 2.4 | 4.1 |
| S | 2.9 | 3.3 | 2.1 | .2 | .0 | | | | | | | 8.6 | 5.1 |
| SSW | 2.1 | 3.5 | 3.5 | .8 | .0 | | | | | | | 9.9 | 6.3 |
| SW | 2.5 | 3.9 | 4.6 | 1.3 | .1 | .0 | | | | | | 12.4 | 6.7 |
| WSW | 1.6 | 2.7 | 3.0 | 1.1 | .1 | .0 | .0 | | | | | 8.6 | 7.1 |
| W | 2.2 | 3.2 | 3.2 | .7 | .1 | | | | | | | 9.5 | 6.4 |
| WNW | 1.4 | 1.7 | 1.5 | .3 | .0 | .0 | | | | | | 4.9 | 5.8 |
| NW | 1.2 | 1.4 | 1.0 | .1 | .0 | | | | | | | 3.8 | 5.3 |
| NNW | .7 | 1.1 | 1.0 | .2 | | | | | | | | 3.0 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.3 | |
| | 21.2 | 27.5 | 25.7 | 5.9 | .4 | .0 | .0 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 22467

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.5 | 2.4 | .4 | .0 | | | | | | | 6.6 | 6.2 |
| NNE | 1.3 | 2.4 | 3.0 | .6 | .0 | | | | | | | 7.2 | 6.6 |
| NE | 1.1 | 1.2 | 1.4 | .2 | .0 | | | | | | | 3.8 | 5.9 |
| ENE | .5 | .4 | .3 | .0 | | | | | | | | 1.3 | 5.0 |
| E | .3 | .2 | .0 | | | | | | | | | .6 | 3.5 |
| ESE | .3 | .1 | .0 | | | | | | | | | .4 | 2.9 |
| SE | .5 | .2 | .0 | | | | | | | | | .7 | 3.0 |
| SSE | 1.1 | .5 | .1 | .0 | | | | | | | | 1.7 | 3.4 |
| S | 3.1 | 2.3 | 1.1 | .1 | | | | | | | | 6.6 | 4.4 |
| SSW | 1.6 | 2.5 | 2.2 | .4 | .0 | | | | | | | 6.0 | 6.0 |
| SW | 2.4 | 3.4 | 3.1 | .6 | .0 | .0 | | | | | | 9.6 | 6.0 |
| WSW | 1.8 | 2.9 | 2.4 | .6 | .1 | .0 | | | | | | 7.7 | 6.2 |
| W | 2.8 | 4.2 | 3.2 | .6 | .1 | | | | | | | 10.9 | 5.8 |
| WNW | 1.6 | 2.3 | 1.8 | .3 | .0 | | | | | | | 6.0 | 5.7 |
| NW | 1.2 | 1.9 | 1.3 | .2 | .0 | | | | | | | 4.7 | 5.6 |
| NNW | .8 | 1.5 | 1.0 | .2 | | | | | | | | 3.5 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.9 | |
| | 21.4 | 28.5 | 23.5 | 4.4 | .2 | .0 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 23825

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.2 | 2.5 | .5 | .0 | | | | | | | 6.6 | 6.5 |
| NNE | 1.2 | 2.1 | 2.4 | .4 | .0 | | .0 | | | | | 6.2 | 6.4 |
| NE | 1.1 | 1.2 | 1.2 | .2 | | | | | | | | 3.7 | 5.8 |
| ENE | .4 | .3 | .2 | .1 | | | | | | | | 1.0 | 5.1 |
| E | .5 | .3 | .1 | .0 | | | | | | | | .9 | 3.5 |
| ESE | .4 | .1 | .0 | | | | | | | | | .6 | 3.0 |
| SE | .7 | .3 | .1 | .0 | | | | | | | | 1.0 | 3.3 |
| SSE | 1.4 | .7 | .3 | .1 | | | | | | | | 2.5 | 3.9 |
| S | 3.3 | 2.3 | 1.2 | .3 | | | | | | | | 7.1 | 4.6 |
| SSW | 1.6 | 2.5 | 2.5 | .4 | .0 | | | | | | | 7.0 | 6.1 |
| SW | 2.5 | 3.1 | 3.4 | .7 | .0 | | | | | | | 9.7 | 6.0 |
| WSW | 1.5 | 2.5 | 2.2 | .5 | .0 | | | | | | | 6.7 | 6.1 |
| W | 2.6 | 3.3 | 2.7 | .5 | .0 | .0 | | | | | | 9.1 | 5.7 |
| WNW | 1.3 | 1.8 | 1.4 | .2 | | | | | | | | 4.7 | 5.6 |
| NW | 1.5 | 1.8 | 1.2 | .2 | | | | | | | | 4.6 | 5.3 |
| NNW | .8 | 1.2 | 1.0 | .2 | .0 | | | | | | | 3.2 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.3 | |
| | 22.1 | 25.7 | 22.5 | 4.2 | .1 | .0 | .0 | | | | .0 | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

23725

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.1 | 2.0 | .6 | .0 | | | | | | | 6.1 | 6.4 |
| NNE | 1.5 | 2.3 | 2.5 | .5 | .1 | | | | | | | 6.9 | 6.4 |
| NE | 1.7 | 1.4 | 1.2 | .2 | .0 | .0 | | | | | | 4.7 | 5.4 |
| ENE | .6 | .5 | .2 | .1 | .0 | | | | | | | 1.3 | 4.5 |
| E | .9 | .4 | .1 | .0 | | | | | | | | 1.4 | 3.3 |
| ESE | .7 | .2 | .1 | .0 | | | | | | | | 1.0 | 3.0 |
| SE | 1.0 | .5 | .2 | .0 | | | | | | | | 1.8 | 3.8 |
| SSE | 1.6 | .9 | .6 | .0 | .0 | | | | | | | 3.1 | 4.4 |
| S | 3.4 | 2.9 | 2.3 | .5 | .0 | .0 | | | | | | 9.2 | 5.3 |
| SSW | 1.7 | 2.2 | 3.0 | .9 | .1 | .0 | | | | | | 7.9 | 6.9 |
| SW | 1.8 | 2.2 | 2.7 | 1.0 | .1 | .0 | | | | | | 7.7 | 6.9 |
| WSW | 1.0 | 1.2 | 1.5 | .6 | .0 | .0 | | | | | | 4.4 | 6.8 |
| W | 1.5 | 1.6 | 1.3 | .3 | .1 | .0 | | | | | | 4.8 | 5.9 |
| WNW | .8 | .7 | .5 | .1 | | | | | | | | 2.1 | 4.9 |
| NW | 1.2 | 1.0 | .7 | .0 | | | | | | | | 2.8 | 4.8 |
| NNW | .7 | .8 | .6 | .2 | .0 | | | | | | | 2.3 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.4 | |
| | 21.5 | 20.8 | 19.6 | 5.2 | .5 | .0 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS

22985

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

JCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.2 | .9 | .2 | | .0 | | | | | | 3.7 | 5.1 |
| NNE | 1.4 | 1.6 | 1.3 | .2 | .1 | .0 | | | | | | 4.5 | 5.6 |
| NE | 1.6 | 1.2 | .8 | .1 | .0 | .0 | | | | | | 3.7 | 4.9 |
| ENE | .8 | .5 | .2 | .0 | .0 | | | | | | | 1.5 | 4.2 |
| E | 1.2 | .5 | .1 | .0 | | | | | | | | 1.8 | 3.3 |
| ESE | 1.0 | .4 | .2 | .0 | | | | | | | | 1.6 | 3.6 |
| SE | 1.5 | .7 | .6 | .1 | .0 | | | | | | | 2.9 | 4.6 |
| SSE | 2.1 | 1.4 | 1.2 | .2 | .0 | | | | | | | 4.9 | 5.0 |
| S | 3.8 | 3.9 | 3.5 | 1.3 | .2 | .0 | .0 | | | | | 12.7 | 6.2 |
| SSW | 1.9 | 2.3 | 3.6 | 1.7 | .2 | .0 | .0 | | | | | 9.7 | 7.6 |
| SW | 1.6 | 1.7 | 2.8 | 1.4 | .3 | .1 | .0 | | | | | 7.8 | 7.8 |
| WSW | .8 | .8 | 1.1 | .5 | .1 | .0 | | | | | | 3.4 | 7.3 |
| W | 1.0 | .8 | .6 | .2 | .1 | .0 | .0 | | | | | 2.7 | 5.7 |
| WNW | .6 | .4 | .2 | .0 | .0 | .0 | | | | | | 1.2 | 4.5 |
| NW | .8 | .5 | .2 | .1 | .0 | | | | | | | 1.6 | 4.3 |
| NNW | .6 | .6 | .3 | .1 | | | | | | | | 1.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.6 | |
| | 22.1 | 18.5 | 17.5 | 6.1 | 1.0 | .2 | .0 | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS

23731

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACDMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .7 | .5 | .1 | .0 | | | | | | | 2.6 | 4.8 |
| NNE | 1.3 | 1.2 | 1.0 | .3 | .0 | .0 | .0 | | | | | 3.9 | 5.7 |
| NE | 1.4 | 1.1 | .7 | .2 | .1 | .0 | .0 | | | | | 3.4 | 5.2 |
| ENE | .8 | .5 | .2 | .0 | .0 | | | | | | | 1.5 | 4.0 |
| E | 1.3 | .5 | .2 | .0 | | | .0 | | | | | 2.1 | 3.6 |
| ESE | 1.1 | .6 | .3 | .1 | | .0 | | | | | | 2.1 | 4.2 |
| SE | 1.7 | .9 | .8 | .3 | .0 | .0 | | | | | | 3.7 | 5.3 |
| SSE | 2.2 | 1.6 | 1.7 | .6 | .1 | .0 | | | | | | 6.2 | 6.1 |
| S | 3.8 | 4.2 | 5.0 | 1.9 | .2 | .1 | .0 | | | | | 15.2 | 6.7 |
| SSW | 1.8 | 1.9 | 4.2 | 2.1 | .4 | .1 | .0 | | | | | 10.4 | 8.4 |
| SW | 1.5 | 1.3 | 2.5 | 1.5 | .3 | .1 | .0 | | | | | 7.2 | 8.3 |
| WSW | .7 | .6 | .7 | .6 | .2 | .0 | | | | | | 2.8 | 8.2 |
| W | .7 | .4 | .4 | .2 | .1 | .0 | .0 | .0 | | | | 1.8 | 6.4 |
| WNW | .5 | .2 | .1 | .0 | .0 | | | | | | | .9 | 3.9 |
| NW | .6 | .2 | .1 | .0 | | | | | | | | .9 | 3.7 |
| NNW | .5 | .3 | .1 | .0 | | | | | | | | .9 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.3 | |
| | 21.1 | 16.3 | 18.5 | 7.9 | 1.4 | .3 | .1 | .0 | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

22963

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .6 | .4 | .1 | .0 | .0 | | | | | | 2.0 | 5.0 |
| NNE | .9 | .9 | .8 | .3 | .1 | .0 | .0 | | | | | 2.9 | 6.3 |
| NE | 1.3 | .9 | .9 | .1 | .0 | .0 | | | | | | 3.2 | 5.2 |
| ENE | .8 | .5 | .2 | .0 | | | | | | | | 1.5 | 4.0 |
| E | 1.1 | .6 | .2 | .0 | | | | | | | | 2.0 | 3.8 |
| ESE | 1.0 | .5 | .2 | .0 | .0 | | | | | | | 1.7 | 4.0 |
| SE | 1.6 | .8 | .9 | .3 | .1 | .0 | .0 | | | | | 3.6 | 5.5 |
| SSE | 1.9 | 1.4 | 2.0 | .9 | .1 | .0 | .0 | .0 | .0 | | | 6.3 | 6.7 |
| S | 3.7 | 4.5 | 5.1 | 2.3 | .4 | .0 | .0 | | | | | 16.2 | 7.1 |
| SSW | 1.8 | 2.4 | 4.8 | 2.6 | .4 | .0 | .0 | | | | | 12.1 | 8.3 |
| SW | 1.7 | 1.6 | 2.9 | 1.4 | .4 | .1 | .0 | .0 | | | | 8.1 | 8.0 |
| WSW | .6 | .5 | .7 | .4 | .1 | .0 | .0 | | | | | 2.3 | 7.7 |
| W | .6 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | | | | 1.9 | 6.7 |
| WNW | .3 | .1 | .0 | .0 | | | | | | | | .4 | 4.0 |
| NW | .5 | .2 | .1 | | | | | | | | | .7 | 3.5 |
| NNW | .3 | .2 | .1 | .0 | .0 | | | | | | | .6 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.9 | |
| | 18.9 | 16.0 | 19.6 | 8.6 | 1.7 | .2 | .0 | .0 | .0 | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

23717

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHLRD AFB WASHINGTON/TACOMA 41-72 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0200
CLASS HOURS (LST.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | .6 | .2 | .2 | .1 | | | | | | | 2.1 | 5.5 |
| NNE | .0 | .6 | .6 | .4 | .1 | | | | | | | 2.4 | 7.1 |
| NE | 1.5 | .7 | .7 | .3 | | | | | | | | 3.2 | 5.2 |
| ENE | .7 | .5 | .3 | .0 | | | | | | | | 1.6 | 4.4 |
| E | 1.5 | .4 | .1 | .0 | | | | | | | | 2.0 | 3.2 |
| ESE | 1.5 | .6 | .3 | .2 | | | | | | | | 2.4 | 3.7 |
| SE | 2.2 | 1.3 | .6 | .3 | .1 | | | | | | | 4.5 | 5.1 |
| SSE | 2.2 | 2.1 | 1.6 | .4 | .1 | .0 | | | | | | 6.5 | 5.8 |
| S | 4.3 | 4.6 | 5.1 | 2.2 | .2 | .1 | | | | | | 16.5 | 6.7 |
| SSW | 1.4 | 1.8 | 4.4 | 3.6 | .4 | .1 | | | | | | 11.7 | 9.2 |
| SW | 1.5 | .9 | 1.9 | 1.7 | .3 | .1 | | | | | | 6.3 | 8.6 |
| WSW | .5 | .2 | .5 | .4 | .2 | .1 | .0 | | | | | 1.9 | 9.4 |
| W | .6 | .2 | .1 | .1 | | | | | | | | 1.1 | 4.2 |
| WNW | .1 | .1 | .0 | | | | | | | | | .2 | 4.2 |
| NW | .3 | .1 | .0 | | | | | | | | | .4 | 2.8 |
| NNW | .3 | .1 | | .1 | .1 | | | | | | | .5 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.8 | |
| | 20.1 | 14.9 | 16.6 | 9.9 | 1.4 | .3 | .0 | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 2952

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .4 | .4 | .2 | .3 | .0 | | | | | | 2.0 | 7.8 |
| NNE | 1.0 | .5 | .5 | .2 | .1 | .0 | | | | | | 2.4 | 6.0 |
| NE | 1.5 | 1.0 | .8 | .2 | | | .0 | | | | | 3.5 | 5.4 |
| ENE | 1.1 | .4 | .2 | .1 | | | | | | | | 1.8 | 4.0 |
| E | 1.7 | .6 | .1 | | | | | | | | | 2.4 | 3.0 |
| ESE | 1.4 | .2 | .2 | | | | | | | | | 1.8 | 3.3 |
| SE | 1.9 | 1.0 | .5 | .3 | | | | | | | | 3.7 | 4.6 |
| SSE | 2.6 | 2.0 | 2.2 | .6 | .1 | | | | | | | 7.5 | 5.9 |
| S | 4.1 | 4.4 | 5.4 | 2.0 | .3 | .0 | | | | | | 16.3 | 6.8 |
| SSW | 1.4 | 2.3 | 4.2 | 3.0 | .5 | .0 | | | | | | 11.3 | 9.0 |
| SW | 1.4 | 1.2 | 2.3 | 1.4 | .4 | .0 | | | | | | 6.7 | 8.2 |
| WSW | .6 | .3 | .5 | .5 | .1 | .0 | .0 | | | | | 2.1 | 8.7 |
| W | .4 | .2 | .1 | .1 | .0 | | | | | | | .8 | 5.0 |
| WNW | .3 | | .0 | | | | | | | | | .3 | 2.6 |
| NW | .5 | .1 | .0 | .0 | | | | | | | | .7 | 3.6 |
| NNW | .4 | .1 | .1 | .0 | .0 | | | | | | | .8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.0 | |
| | 20.8 | 14.8 | 17.6 | 8.6 | 1.8 | .2 | .1 | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .4 | .5 | .2 | .1 | .0 | | | | | | 2.1 | 6.6 |
| NNE | .7 | .7 | .7 | .3 | .1 | | | | | | | 2.5 | 6.8 |
| NE | 1.5 | .6 | .7 | .2 | .1 | .1 | | | | | | 3.2 | 6.0 |
| ENE | .7 | .5 | .2 | .0 | | | | | | | | 1.4 | 4.2 |
| E | 1.8 | .6 | .1 | | | | | | | | | 2.4 | 2.9 |
| ESE | 1.0 | .4 | .2 | | | | | | | | | 1.6 | 3.6 |
| SE | 2.2 | 1.0 | .9 | .1 | | | | | | | | 4.2 | 4.5 |
| SSE | 2.2 | 2.2 | 1.6 | .6 | .1 | | | | | | | 6.7 | 5.7 |
| S | 4.3 | 4.7 | 4.6 | 2.6 | .6 | .0 | | | | | | 16.7 | 7.0 |
| SSW | 1.7 | 2.1 | 3.0 | 2.7 | .5 | .1 | | | | | | 10.9 | 8.7 |
| SW | 1.7 | .9 | 2.1 | 1.4 | .3 | .0 | .0 | | | | | 6.4 | 8.2 |
| WSW | .6 | .2 | .6 | .4 | .3 | | | | | | | 2.1 | 8.9 |
| W | .8 | .2 | .3 | .1 | .0 | | | | | | | 1.4 | 4.8 |
| WNW | .3 | .1 | .0 | | | | | | | | | .4 | 3.6 |
| NW | .4 | .1 | .1 | | .1 | | | | | | | .6 | 5.3 |
| NNW | .2 | .1 | | .0 | | | | | | | | .3 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.8 | |
| | 21.0 | 14.6 | 16.4 | 8.8 | 2.2 | .2 | .0 | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

2964

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | .5 | .5 | .2 | .1 | | .1 | | | | | 2.7 | 6.2 |
| NNE | 1.3 | .9 | .9 | .4 | .2 | .0 | | | | | | 3.7 | 6.8 |
| NE | 1.8 | 1.2 | 1.0 | .5 | .1 | .0 | | | | | | 4.6 | 6.1 |
| ENE | 1.0 | .6 | .2 | .0 | | | | | | | | 1.9 | 3.6 |
| E | 1.5 | .5 | .0 | | | | | | | | | 2.0 | 2.9 |
| ESE | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.4 |
| SE | 1.4 | .6 | .6 | .1 | .1 | | | | | | | 2.0 | 5.3 |
| SSE | 2.4 | 1.8 | 1.6 | .5 | .1 | | | | | | | 6.3 | 5.7 |
| S | 3.3 | 4.0 | 5.0 | 3.7 | .6 | .1 | .0 | | | | | 16.7 | 8.0 |
| SSW | 1.7 | 2.3 | 4.7 | 3.7 | .5 | .1 | | | | | | 13.1 | 9.0 |
| SW | 1.8 | 1.3 | 2.0 | 1.5 | .3 | .1 | | | | | | 7.0 | 8.1 |
| WSW | .8 | .2 | .6 | .4 | .1 | .1 | | | | | | 2.4 | 8.2 |
| W | .6 | .3 | .2 | .1 | | | | | | | | 1.3 | 4.8 |
| WNW | .3 | | | .0 | | | | | | | | .3 | 3.0 |
| NW | .8 | .2 | .1 | | .0 | | | | | | | 1.2 | 3.7 |
| NNW | .5 | .1 | .1 | | | | | | | | | .7 | 3.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.0 | |
| | 21.4 | 15.0 | 17.6 | 11.3 | 2.1 | .5 | .1 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 2956

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/1 TANA
STATION NAME

41-72
YEAR

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 1.2 | .9 | .6 | .1 | .1 | .0 | | | | | 5.3 | 6.0 |
| NNE | 1.4 | 1.7 | 1.7 | 1.0 | .3 | | | | | | | 6.1 | 7.4 |
| NE | 1.9 | 1.4 | 1.3 | .3 | .2 | .2 | | | | | | 5.3 | 6.4 |
| E | .9 | .7 | .1 | | | | | | | | | 1.6 | 4.5 |
| ESE | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.6 |
| SE | .9 | .5 | .4 | .1 | .0 | | | | | | | 2.0 | 5.2 |
| SSE | .7 | .0 | 1.6 | .7 | .1 | .0 | | | | | | 4.0 | 8.0 |
| S | 1.7 | 2.8 | 4.9 | 3.6 | .8 | .0 | | | | | | 13.9 | 9.1 |
| SSW | 1.2 | 1.7 | 4.9 | 4.6 | .8 | | | | | | | 13.2 | 9.9 |
| SW | 1.9 | 1.8 | 3.7 | 3.0 | .6 | .1 | | | | | | 11.1 | 8.8 |
| WSW | 1.1 | .6 | 1.4 | .9 | .3 | .2 | | | | | | 4.6 | 8.9 |
| W | 1.1 | .9 | .5 | .2 | .0 | .0 | | | | | | 2.8 | 5.6 |
| WNW | .9 | .1 | .1 | .0 | | | | | | | | 1.1 | 3.5 |
| NW | 1.3 | .5 | .2 | .1 | .0 | | | | | | | 2.1 | 4.1 |
| NNW | .8 | .4 | .2 | .1 | .0 | | | | | | | 1.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.3 | |
| | 19.8 | 16.1 | 22.2 | 15.6 | 3.3 | .6 | .0 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 2959

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 1.7 | 1.1 | .7 | .1 | .0 | | | | | | 6.1 | 6.0 |
| NNE | 1.7 | 2.0 | 1.8 | .8 | .2 | .1 | | | | | | 6.7 | 6.9 |
| NE | 2.5 | 1.7 | 1.1 | .4 | | .1 | | | | | | 5.8 | 5.4 |
| ENE | .6 | .6 | .1 | .2 | | | | | | | | 1.6 | 5.0 |
| E | 1.2 | .4 | .2 | | | | | | | | | 1.9 | 3.6 |
| ESE | .6 | .3 | .2 | .1 | | | | | | | | 1.2 | 5.0 |
| SE | 1.2 | .7 | .4 | .2 | | | | | | | | 2.5 | 4.8 |
| SSE | 1.2 | 1.6 | 1.6 | .4 | .0 | | | | | | | 4.9 | 6.5 |
| S | 2.6 | 2.7 | 3.4 | 3.3 | .6 | .1 | | | | | | 14.6 | 8.3 |
| SSW | 1.2 | 2.3 | 4.7 | 3.4 | .1 | .1 | .1 | | | | | 11.9 | 9.0 |
| SW | 1.9 | 1.5 | 3.6 | 2.2 | .4 | .1 | | | | | | 9.7 | 8.3 |
| WSW | .7 | .8 | .7 | .7 | .3 | .2 | | | | | | 3.4 | 9.3 |
| W | .7 | .5 | .2 | .3 | .2 | | | | | | | 1.9 | 6.5 |
| WNW | .7 | .2 | | .1 | .0 | | | | | | | 1.0 | 4.1 |
| NW | 1.2 | .3 | | | .0 | | | | | | | 1.6 | 3.1 |
| NNW | .7 | .5 | .2 | | .0 | | | | | | | 1.4 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.9 | |
| | 21.1 | 17.8 | 21.4 | 12.8 | 2.1 | .7 | .1 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

2961

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | .4 | .7 | .3 | | | | | | | | 2.4 | 6.1 |
| NNE | 1.2 | 1.0 | 1.2 | .5 | | | | | | | | 3.9 | 6.3 |
| NE | 1.5 | 1.0 | .0 | .5 | .1 | .1 | | | | | | 4.1 | 6.3 |
| ENE | 1.0 | .7 | .3 | .1 | | | | | | | | 2.1 | 4.4 |
| E | 1.8 | .6 | .1 | .0 | .0 | | | | | | | 2.6 | 3.2 |
| ESE | 1.4 | .6 | .2 | .1 | | | | | | | | 2.3 | 3.8 |
| SE | 2.1 | 1.0 | .9 | .1 | .0 | | | | | | | 4.2 | 4.5 |
| SSE | 2.3 | 2.2 | 1.4 | .6 | .1 | | | | | | | 6.6 | 5.7 |
| S | 3.7 | 5.3 | 4.9 | 2.7 | .5 | | | | | | | 17.1 | 7.1 |
| SSW | 1.8 | 2.0 | 4.5 | 3.6 | .3 | .2 | | | | | | 12.4 | 8.8 |
| SW | 1.2 | 1.2 | 2.4 | 1.4 | .1 | .1 | | | | | | 6.4 | 8.3 |
| WSW | .3 | .3 | .5 | .5 | | .1 | | | | | | 1.9 | 9.0 |
| W | .5 | .3 | .2 | .1 | | | | | | | | 1.1 | 5.0 |
| WNW | .1 | .2 | | | | | | | | | | .3 | 3.8 |
| NW | .5 | .2 | .0 | | | | | | | | | .7 | 3.2 |
| NNW | .3 | .2 | .1 | | | | | | | | | .6 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.4 | |
| | 20.9 | 17.3 | 18.2 | 10.6 | 1.1 | .5 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

2951

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .4 | .3 | .1 | .1 | | | | | | | 1.7 | 5.4 |
| NNE | 1.3 | .9 | .7 | .8 | | | | | | | | 3.7 | 6.5 |
| NE | 1.3 | .8 | .6 | .3 | .1 | | | | | | | 3.2 | 5.8 |
| ENE | .8 | .6 | .1 | | | | | | | | | 1.6 | 3.8 |
| E | 1.6 | .6 | .2 | .1 | | | | | | | | 2.5 | 3.4 |
| ESE | 1.5 | .2 | .2 | | | | | | | | | 1.9 | 3.2 |
| SE | 2.9 | .8 | .7 | .2 | | | | | | | | 4.7 | 4.1 |
| SSE | 2.3 | 2.3 | 1.8 | .6 | .1 | .0 | | | | | | 7.1 | 5.8 |
| S | 3.7 | 4.9 | 5.3 | 2.7 | .2 | | | | | | | 16.8 | 7.0 |
| SSW | 1.8 | 2.0 | 4.8 | 2.8 | .6 | .2 | | | | | | 12.3 | 8.8 |
| SW | 1.3 | 1.0 | 1.8 | 1.3 | .3 | .1 | | | | | | 5.7 | 8.4 |
| WSW | .3 | .2 | .2 | .4 | .1 | .1 | | | | | | 1.4 | 9.5 |
| W | .7 | .3 | .1 | .1 | | .0 | | | | | | 1.3 | 4.6 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 3.3 |
| NW | .3 | .1 | .0 | | | | | | | | | .4 | 3.1 |
| NNW | .3 | .2 | .1 | .0 | | | | | | | | .5 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.9 | |
| | 21.2 | 15.5 | 17.1 | 9.4 | 1.5 | .4 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 2949

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 STATION MCCHURO AFB WASHINGTON/TACOMA 41-72 YEARS
FEB MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | .4 | .1 | | | .0 | | | | | | 1.2 | 4.0 |
| NNE | .7 | .7 | .2 | .2 | | | | | | | | 1.8 | 5.5 |
| NE | 1.0 | .7 | .5 | .4 | .0 | | | | | | | 2.6 | 6.1 |
| ENE | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.6 |
| E | 1.1 | .6 | .1 | | | | | | | | | 1.8 | 3.5 |
| ESE | 1.0 | .4 | .1 | .0 | | | | | | | | 1.6 | 3.7 |
| SE | 1.7 | 1.1 | .4 | .2 | | | | | | | | 3.4 | 4.5 |
| SSE | 2.3 | 1.8 | 1.5 | .6 | .1 | | | | | | | 6.3 | 5.8 |
| S | 5.7 | 5.4 | 5.0 | 1.4 | .1 | .0 | | | | | | 17.3 | 5.8 |
| SSW | 2.7 | 2.6 | 4.4 | 2.8 | .3 | .2 | | | | | | 13.0 | 8.0 |
| SW | 1.5 | 1.4 | 2.5 | 1.7 | .4 | .0 | | | | | | 7.5 | 8.4 |
| WSW | .2 | .4 | .7 | .9 | .0 | | | | | | | 2.3 | 9.6 |
| W | .7 | .2 | .3 | .1 | .1 | | | | | | | 1.5 | 6.1 |
| WNW | .4 | | | | .0 | .0 | | | | | | .3 | 6.9 |
| NW | .5 | .1 | .0 | .0 | | | | | | | | .7 | 3.7 |
| NNW | .2 | .1 | .1 | .0 | | | | | | | | .6 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.7 | |
| | 21.0 | 16.4 | 15.9 | 8.6 | 1.1 | .3 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .1 | .2 | .0 | .0 | | | | | | | 1.2 | 4.5 |
| NNE | .7 | .6 | .3 | .2 | .0 | | | | | | | 1.9 | 6.1 |
| NE | .7 | .6 | .7 | .3 | .0 | | | | | | | 2.3 | 6.5 |
| ENE | .8 | .4 | .1 | .0 | | | | | | | | 1.3 | 3.9 |
| E | .9 | .6 | .2 | .0 | | | | | | | | 1.8 | 4.0 |
| ESE | .7 | .5 | .0 | | | | | | | | | 1.3 | 3.5 |
| SE | 2.5 | .9 | .4 | .1 | | | | | | | | 3.9 | 3.8 |
| SSE | 2.0 | 2.0 | .9 | .4 | | .0 | | | | | | 5.5 | 5.2 |
| S | 6.0 | 4.1 | 3.1 | 1.5 | .1 | .0 | | | | | | 16.8 | 5.9 |
| SSW | 2.3 | 2.5 | 4.4 | 2.3 | .4 | .3 | | | | | | 12.4 | 8.3 |
| SW | 1.8 | 1.7 | 2.0 | 1.9 | .3 | .0 | .1 | | | | | 7.8 | 7.9 |
| WSW | .4 | .5 | 1.1 | .7 | .2 | | | | | | | 2.9 | 9.1 |
| W | .3 | .4 | .4 | .0 | .1 | .0 | | | | | | 1.2 | 7.2 |
| WNW | .4 | .2 | | | | | | | | | | .6 | 3.1 |
| NW | .3 | .1 | .0 | | | | | | | | | .4 | 3.6 |
| NNW | .2 | .2 | .2 | | | | | | | | | .6 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.0 | |
| | 20.8 | 15.5 | 16.2 | 7.7 | 1.3 | .4 | .1 | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2688

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .1 | .0 | | | | | | | | | .8 | 2.6 |
| NNE | .9 | .4 | .3 | .3 | | .0 | | | | | | 2.0 | 6.3 |
| NE | 1.3 | .9 | .9 | .3 | | | | | | | | 3.3 | 5.4 |
| ENE | .8 | .3 | .1 | .0 | | | | | | | | 1.3 | 4.2 |
| E | 1.3 | .6 | .3 | | | | | | | | | 2.1 | 3.7 |
| ESE | 1.3 | .4 | .2 | | | | | | | | | 1.9 | 3.3 |
| SE | 2.2 | .8 | .4 | .1 | .0 | | | | | | | 3.5 | 3.9 |
| SSE | 2.5 | 1.7 | 1.1 | .4 | .1 | | | | | | | 5.8 | 5.2 |
| S | 3.3 | 4.4 | 5.7 | 1.0 | .0 | .0 | | | | | | 16.4 | 5.8 |
| SSW | 2.5 | 1.7 | 4.5 | 2.8 | .3 | .1 | | | | | | 11.8 | 8.1 |
| SW | 2.0 | 1.7 | 2.6 | 1.3 | .3 | .0 | | | | | | 7.9 | 7.5 |
| WSW | .6 | .5 | .5 | 1.1 | .1 | .0 | | | | | | 2.8 | 9.0 |
| W | .4 | .3 | .1 | .1 | | .1 | | | | | | 1.0 | 6.5 |
| WNW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| NW | .4 | .1 | .0 | .0 | | | | | | | | .6 | 3.6 |
| NNW | .3 | .2 | .1 | .0 | | | | | | | | .6 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.8 | |
| | 22.5 | 14.2 | 16.8 | 7.4 | .9 | .3 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | .8 | .6 | .2 | .0 | .0 | | | | | | 3.5 | 4.9 |
| NNE | 2.2 | 1.0 | 1.0 | .7 | .1 | .1 | | | | | | 5.0 | 6.1 |
| NE | 2.2 | .9 | 1.6 | .4 | .1 | | | | | | | 5.3 | 5.8 |
| ENE | .8 | 1.0 | .2 | .1 | | | | | | | | 2.1 | 4.8 |
| E | 1.2 | .6 | .1 | .0 | | .0 | | | | | | 2.0 | 4.0 |
| ESE | 1.1 | .2 | .0 | | .0 | .0 | | | | | | 1.4 | 3.8 |
| SE | 1.4 | .5 | .2 | .1 | .0 | | | | | | | 2.2 | 4.2 |
| SSE | 1.6 | 1.2 | 1.7 | .9 | .0 | | | | | | | 5.5 | 6.8 |
| S | 2.8 | 2.7 | 4.8 | 2.0 | .3 | .1 | | | | | | 12.7 | 7.4 |
| SSW | 1.7 | 2.0 | 4.8 | 3.4 | .6 | | | | | | | 12.5 | 9.0 |
| SW | 1.9 | 1.6 | 3.5 | 2.6 | .4 | .1 | | | | | | 10.0 | 8.6 |
| WSW | .7 | .6 | 1.2 | .7 | .1 | .0 | | | | | | 3.5 | 8.3 |
| W | .6 | .7 | .3 | .2 | .0 | | | | | | | 1.5 | 5.8 |
| WNW | .4 | .2 | .1 | | .0 | | | | | | | .8 | 4.4 |
| NW | 1.2 | .4 | | .1 | .0 | | | | | | | 1.8 | 3.7 |
| NNW | .7 | .4 | .3 | .0 | | | | | | | | 1.3 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.4 | |
| | 22.4 | 14.7 | 20.5 | 11.7 | 1.9 | .4 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.6 | 2.1 | .6 | .1 | .1 | | | | | | 7.5 | 6.2 |
| NNE | 1.9 | 2.8 | 2.2 | 1.3 | .4 | .1 | | | | | | 8.6 | 7.3 |
| NE | 1.4 | 2.3 | 1.5 | .8 | .2 | | | | | | | 6.2 | 6.8 |
| ENE | .6 | .6 | .6 | .1 | | | | | | | | 2.1 | 5.8 |
| E | .6 | .6 | .3 | .0 | .1 | | | | | | | 1.6 | 5.2 |
| ESE | .5 | .4 | .2 | .1 | | | | | | | | 1.2 | 4.9 |
| SE | .7 | .6 | .3 | .0 | | | | | | | | 1.5 | 4.5 |
| SSE | .9 | .8 | 1.5 | .6 | .1 | | | | | | | 3.8 | 7.2 |
| S | 1.2 | 1.6 | 3.4 | 2.3 | .6 | .0 | | | | | | 9.2 | 9.0 |
| SSW | 1.2 | 1.6 | 5.1 | 4.3 | .8 | .0 | .0 | | | | | 13.0 | 9.9 |
| SW | 1.2 | 2.2 | 4.8 | 3.5 | .7 | .1 | | | | | | 12.6 | 9.4 |
| WSW | .3 | 1.4 | 2.2 | 1.6 | .3 | .0 | | | | | | 5.9 | 9.3 |
| W | 1.0 | 1.6 | 1.0 | .5 | .2 | .1 | | | | | | 4.4 | 7.2 |
| WNW | .9 | .4 | .4 | .0 | .1 | .1 | | | | | | 1.9 | 6.1 |
| NW | 1.5 | .9 | .4 | .1 | .1 | | | | | | | 2.9 | 4.8 |
| NNW | 1.5 | 1.3 | .4 | .3 | | | | | | | | 3.4 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.4 | |
| | 17.1 | 21.8 | 26.3 | 16.2 | 3.7 | .5 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.7 | 2.3 | .7 | .2 | .0 | | | | | | 7.9 | 6.2 |
| NNE | 2.0 | 3.1 | 2.9 | 1.5 | .5 | .0 | | | | | | 10.1 | 7.4 |
| NE | 1.9 | 1.9 | 1.8 | .5 | .3 | | | | | | | 6.5 | 6.3 |
| ENE | .8 | .7 | .6 | .0 | | | | | | | | 2.1 | 5.0 |
| E | 1.0 | .6 | .3 | | .0 | | | | | | | 1.9 | 4.3 |
| ESE | .5 | .3 | .1 | .0 | | | | | | | | .9 | 3.8 |
| SE | .7 | .5 | .4 | .0 | | .1 | | | | | | 1.8 | 5.6 |
| SSE | 1.0 | .9 | 1.2 | .6 | | | | | | | | 3.6 | 6.8 |
| S | 1.1 | 2.4 | 3.5 | 2.6 | .3 | | | | | | | 9.9 | 8.5 |
| SSW | .9 | 2.3 | 5.2 | 3.6 | .2 | | .0 | | | | | 12.2 | 9.0 |
| SW | 1.1 | 2.2 | 4.3 | 3.1 | .5 | .0 | .0 | | | | | 11.3 | 9.0 |
| WSW | .6 | 1.0 | 2.3 | 1.5 | .4 | | | | | | | 5.8 | 9.3 |
| W | 1.2 | 1.4 | 1.3 | .7 | .3 | .1 | .0 | | | | | 5.0 | 7.6 |
| WNW | .8 | .4 | .6 | | | | | | | | | 1.7 | 4.9 |
| NW | 1.0 | .9 | .4 | .1 | | | | | | | | 2.4 | 4.8 |
| NNW | 1.2 | 1.2 | .6 | .2 | | | | | | | | 3.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 17.8 | 22.6 | 27.6 | 15.1 | 2.8 | .3 | .1 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

2682

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | .8 | .6 | .3 | | | | | | | | 3.3 | 5.1 |
| NNE | 1.9 | 1.7 | 1.3 | .6 | .1 | | | | | | | 5.6 | 6.0 |
| NE | 2.3 | 1.9 | 1.0 | .4 | .0 | | | | | | | 5.6 | 5.1 |
| ENE | 1.2 | .7 | .4 | .0 | | | | | | | | 2.3 | 4.5 |
| E | 1.3 | .6 | .4 | | .0 | | | | | | | 2.4 | 4.2 |
| ESE | 1.1 | .3 | .3 | | | | | | | | | 1.7 | 3.7 |
| SE | 1.7 | 1.1 | .3 | .1 | | | | | | | | 3.2 | 3.8 |
| SSE | 1.9 | 1.3 | 1.5 | .7 | .0 | | | | | | | 5.5 | 6.0 |
| S | 2.9 | 4.2 | 5.0 | 1.4 | .3 | .1 | | | | | | 13.9 | 6.9 |
| SSW | 1.2 | 3.3 | 4.2 | 2.7 | .4 | .0 | | | | | | 11.8 | 8.3 |
| SW | 1.3 | 2.5 | 2.4 | 1.9 | .3 | .1 | | | | | | 8.5 | 8.1 |
| WSW | .6 | .6 | 1.2 | .8 | .3 | | | | | | | 3.4 | 8.6 |
| W | .9 | .3 | .2 | .1 | | .0 | | | | | | 1.5 | 4.8 |
| WNW | .4 | .2 | .1 | | | | | | | | | .6 | 3.6 |
| NW | .6 | .2 | .1 | | | | | | | | | .9 | 3.5 |
| NNW | .4 | .3 | .1 | | .0 | | | | | | | .9 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.9 | |
| | 21.4 | 19.9 | 19.0 | 9.1 | 1.6 | .2 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2693

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | .6 | .1 | .1 | .0 | | | | | | | 1.9 | 4.5 |
| NNE | .7 | .4 | .6 | .3 | | | | | | | | 2.1 | 6.0 |
| NE | 1.5 | 1.0 | .9 | .1 | .0 | | | | | | | 3.5 | 5.0 |
| ENE | 1.0 | .4 | .2 | .1 | | .0 | | | | | | 1.7 | 4.5 |
| E | 1.3 | .5 | .2 | .0 | | | | | | | | 2.1 | 3.6 |
| ESE | 1.2 | .4 | .3 | .1 | | | | | | | | 2.0 | 3.9 |
| SE | 1.6 | 1.1 | .6 | .1 | .1 | | | | | | | 3.5 | 4.9 |
| SSE | 2.2 | 2.2 | 1.6 | .4 | .0 | | | | | | | 6.5 | 5.4 |
| S | 5.5 | 5.3 | 4.4 | 1.5 | .3 | .0 | | | | | | 17.1 | 6.0 |
| SSW | 2.0 | 2.5 | 4.5 | 2.7 | .7 | .1 | | | | | | 12.6 | 8.5 |
| SW | 2.3 | 1.5 | 3.0 | 1.9 | .4 | .0 | | | | | | 9.1 | 7.9 |
| WSW | .4 | .5 | .6 | .7 | .2 | .0 | | | | | | 2.4 | 9.0 |
| W | .6 | .1 | .0 | .1 | .0 | | | | | | | .9 | 5.3 |
| WNW | .3 | .0 | | .0 | | | | | | | | .4 | 3.7 |
| NW | .5 | .1 | | | | | | | | | | .6 | 2.9 |
| NNW | .2 | .3 | .1 | | | | | | | | | .6 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.2 | |
| | 22.3 | 17.2 | 17.0 | 8.2 | 1.9 | .3 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

2693

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .3 | .2 | .1 | | | | | | | | .9 | 5.0 |
| NNE | .6 | .4 | .2 | .1 | | | | | | | | 1.2 | 4.9 |
| NE | .7 | .4 | .2 | .1 | | | | | | | | 1.4 | 4.5 |
| ENE | .5 | .2 | .1 | | | | | | | | | .8 | 3.6 |
| E | 1.3 | .5 | .1 | | | | | | | | | 2.0 | 3.3 |
| ESE | .9 | .5 | .1 | | | | | | | | | 1.6 | 3.6 |
| SE | 2.1 | 1.0 | .3 | .1 | | | | | | | | 3.4 | 3.9 |
| SSE | 2.8 | 2.6 | 1.8 | .7 | .0 | | | | | | | 7.9 | 5.4 |
| S | 5.5 | 5.1 | 5.4 | 1.3 | .1 | .0 | | | | | | 17.4 | 5.9 |
| SSW | 2.8 | 2.7 | 4.9 | 2.2 | .3 | .0 | | | | | | 12.9 | 7.6 |
| SW | 1.8 | 1.7 | 2.7 | 1.2 | .2 | .1 | .0 | | | | | 7.8 | 7.5 |
| WSW | .8 | .8 | .8 | .6 | .2 | | | | | | | 3.3 | 7.7 |
| W | .6 | .3 | .2 | .0 | .1 | .1 | | | | | | 1.3 | 5.7 |
| WNW | .4 | .1 | .2 | | | | | | | | | .6 | 4.1 |
| NW | .2 | .1 | | .0 | | | | | | | | .3 | 4.1 |
| NNW | .2 | .1 | .0 | .0 | | | | | | | | .3 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.7 | |
| | 21.4 | 17.0 | 17.2 | 6.5 | 1.0 | .2 | .0 | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 2964

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .1 | .1 | .1 | | | | | | | | .6 | 5.3 |
| NNE | .5 | .3 | .1 | | | | | | | | | .9 | 3.9 |
| NE | 1.2 | .5 | .4 | .0 | | | | | | | | 2.1 | 4.2 |
| ENE | .6 | .2 | .0 | | | | | | | | | .8 | 3.1 |
| E | 1.2 | .3 | .1 | | | | | | | | | 1.6 | 3.1 |
| ESE | 1.0 | .5 | .2 | | | | | | | | | 1.7 | 3.7 |
| SE | 1.7 | .7 | .3 | .1 | | | | | | | | 3.0 | 4.1 |
| SSE | 2.9 | 2.1 | 1.9 | .5 | .1 | | | | | | | 7.5 | 5.4 |
| S | 5.1 | 5.6 | 5.1 | 1.3 | .2 | | | | | | | 17.3 | 5.9 |
| SSW | 2.5 | 2.2 | 5.1 | 2.3 | .2 | | | | | | | 12.4 | 7.8 |
| SW | 2.0 | 1.7 | 1.7 | 1.0 | .3 | | | | | | | 6.6 | 6.9 |
| WSW | .6 | .5 | .9 | .6 | .2 | .1 | | | | | | 2.9 | 8.6 |
| W | .7 | .1 | .1 | .2 | .0 | .1 | | | | | | 1.3 | 7.0 |
| WNW | .2 | .1 | .1 | | | | | | | | | .4 | 4.4 |
| NW | .3 | .2 | .0 | | | | | | | | | .5 | 3.3 |
| NNW | .2 | .1 | | | | | | | | | | .3 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.9 | |
| | 21.1 | 15.2 | 16.4 | 6.2 | 1.0 | .2 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

2956

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .5 | .1 | .1 | .1 | | | | | | | 1.3 | 5.2 |
| NNE | .6 | .5 | .2 | .1 | | | | | | | | 1.4 | 4.5 |
| NE | 1.0 | .7 | .2 | .1 | | | | | | | | 2.0 | 4.0 |
| ENE | .3 | .2 | .2 | | | | | | | | | .7 | 5.0 |
| E | 1.1 | .4 | .2 | | | | | | | | | 1.7 | 3.7 |
| ESE | 1.2 | .6 | .1 | | .0 | | | | | | | 2.0 | 3.6 |
| SE | 1.8 | .9 | .5 | .1 | | | | | | | | 3.2 | 4.3 |
| SSE | 2.3 | 1.0 | 2.5 | .5 | | | | | | | | 7.0 | 5.7 |
| S | 4.9 | 5.5 | 5.6 | 1.8 | .3 | .1 | | | | | | 18.2 | 6.4 |
| SSW | 2.0 | 2.2 | 5.1 | 2.4 | .4 | | | | | | | 12.0 | 8.0 |
| SW | 1.7 | 1.0 | 1.9 | 1.5 | .4 | | | | | | | 6.4 | 7.7 |
| WSW | .8 | .6 | .7 | .3 | .2 | .0 | | | | | | 2.7 | 7.3 |
| W | .0 | .2 | .2 | .1 | .0 | .1 | | | | | | 1.5 | 6.0 |
| WNW | .3 | .0 | .1 | .1 | | | | | | | | .5 | 5.1 |
| NW | .3 | .1 | .0 | | | | | | | | | .4 | 3.0 |
| NNW | .2 | .1 | .1 | | | | | | | | | .3 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.7 | |
| | 19.9 | 15.4 | 17.4 | 6.9 | 1.5 | .2 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.4 | 1.1 | .4 | .1 | | | | | | | 4.4 | 6.0 |
| NNE | 1.5 | 2.4 | 1.8 | .6 | .1 | | | | | | | 6.3 | 6.3 |
| NE | 1.4 | 1.0 | 1.3 | .4 | .0 | | | | | | | 4.2 | 6.1 |
| ENE | .8 | .5 | .1 | .0 | | | | | | | | 1.5 | 4.1 |
| E | 1.0 | .6 | .3 | .0 | | | | | | | | 2.0 | 4.3 |
| ESE | .8 | .2 | .1 | .0 | | | | | | | | 1.2 | 4.0 |
| SE | .7 | .6 | .5 | .1 | | | | | | | | 1.9 | 5.4 |
| SSE | .8 | 1.3 | 1.9 | .9 | .1 | | | | | | | 4.9 | 7.6 |
| S | 1.8 | 2.8 | 4.4 | 3.2 | .7 | .2 | .0 | | | | | 13.1 | 8.9 |
| SSW | 1.1 | 2.5 | 5.7 | 4.3 | .7 | .1 | | | | | | 14.5 | 9.6 |
| SW | 2.1 | 2.1 | 4.3 | 2.8 | .2 | .1 | | | | | | 11.6 | 8.3 |
| WSW | 1.2 | 1.1 | 2.3 | 1.4 | .4 | .2 | | | | | | 6.6 | 8.8 |
| W | 1.1 | .8 | .9 | .3 | .1 | .1 | | | | | | 3.4 | 6.9 |
| WNW | .6 | .3 | .2 | .0 | | | .0 | | | | | 1.2 | 5.1 |
| NW | .9 | .5 | .2 | | | | | | | | | 1.6 | 3.8 |
| NNW | 1.0 | .6 | .3 | .1 | | | | | | | | 2.0 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 18.2 | 18.8 | 25.4 | 14.4 | 2.5 | .7 | .1 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHURD AFB WASHINGTON/TACJMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.5 | 3.1 | .9 | .2 | | | | | | | 10.0 | 6.4 |
| NNE | 1.7 | 2.5 | 2.6 | 1.2 | .1 | | | | | | | 8.1 | 6.9 |
| NE | 1.0 | 1.8 | 1.7 | .3 | | | | | | | | 4.8 | 6.2 |
| ENE | .5 | .4 | .5 | | | | | | | | | 1.4 | 5.2 |
| E | .5 | .3 | .2 | .0 | | | | | | | | 1.1 | 4.8 |
| ESE | .3 | .3 | .1 | .0 | | | | | | | | .7 | 4.5 |
| SE | .2 | .5 | .5 | .0 | | | | | | | | 1.3 | 6.4 |
| SSE | .3 | .6 | 1.7 | .9 | .1 | | | | | | | 3.6 | 9.3 |
| S | .8 | 1.6 | 3.8 | 3.0 | .8 | .1 | | | | | | 10.1 | 10.0 |
| SSW | .8 | 1.5 | 4.6 | 4.9 | .8 | .1 | | | | | | 12.8 | 10.5 |
| SW | .6 | 2.0 | 4.6 | 4.3 | 1.1 | .0 | | | | | | 12.7 | 10.3 |
| WSW | .7 | 1.4 | 3.2 | 2.2 | .6 | .2 | | | | | | 8.4 | 9.8 |
| W | 1.3 | 1.7 | 2.0 | .8 | .4 | .4 | .0 | | | | | 6.7 | 8.8 |
| WNW | .9 | 1.0 | .7 | .3 | .1 | | | | | | | 3.0 | 6.1 |
| NW | 1.1 | 1.5 | .5 | .2 | | | | | | | | 3.2 | 5.0 |
| NNW | 1.2 | 1.4 | 1.1 | .2 | .1 | .1 | | | | | | 4.1 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.2 | |
| | 14.2 | 22.0 | 30.9 | 19.3 | 4.4 | 1.0 | .0 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.0 | 4.3 | 1.6 | .2 | .1 | .0 | | | | | 10.3 | 7.9 |
| NNE | 1.6 | 2.9 | 3.7 | 1.3 | .1 | .0 | | | | | | 9.6 | 7.2 |
| NE | .9 | 2.1 | 1.5 | .2 | | | | | | | | 4.7 | 5.9 |
| ENE | .3 | .6 | .2 | .1 | | | | | | | | 1.1 | 5.7 |
| E | .6 | .6 | .3 | .0 | | | | | | | | 1.3 | 4.9 |
| ESE | .5 | .2 | .3 | .1 | | | | | | | | 1.1 | 5.0 |
| SE | .5 | .5 | .4 | .1 | | | | | | | | 1.4 | 5.3 |
| SSE | .7 | .9 | 1.7 | 1.0 | .1 | | | | | | | 4.5 | 8.0 |
| S | .7 | 1.8 | 3.0 | 2.5 | .6 | .1 | .0 | | | | | 8.8 | 9.3 |
| SSW | .7 | 1.4 | 2.6 | 4.0 | .6 | .0 | | | | | | 12.3 | 9.9 |
| SW | .8 | 1.6 | 4.3 | 3.2 | .8 | .1 | .0 | | | | | 10.8 | 9.9 |
| WSW | .7 | 1.3 | 3.2 | 2.6 | .5 | .1 | | | | | | 8.4 | 9.7 |
| W | 1.1 | 1.9 | 2.8 | 1.1 | .7 | .3 | .1 | | | | | 8.0 | 9.3 |
| WNW | .8 | 1.0 | .9 | .1 | .1 | | | | | | | 2.9 | 6.1 |
| NW | 1.1 | 2.0 | .6 | .1 | | .0 | | | | | | 3.9 | 5.1 |
| NNW | .9 | 1.0 | .9 | .3 | .0 | .0 | | | | | | 3.1 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 13.2 | 22.8 | 33.8 | 18.3 | 3.7 | .8 | .2 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 2957

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.7 | 1.6 | .5 | .1 | | | | | | | 5.1 | 6.7 |
| NNE | 2.2 | 2.1 | 2.0 | .4 | .1 | .0 | | | | | | 6.7 | 5.9 |
| NE | 1.9 | 1.6 | 1.0 | .1 | | .0 | | | | | | 4.5 | 4.9 |
| ENE | 1.0 | .3 | .3 | | | | | | | | | 1.7 | 3.9 |
| E | 1.1 | .8 | .3 | .0 | | | | | | | | 2.2 | 4.0 |
| ESE | .8 | .5 | .4 | .1 | .0 | | | | | | | 1.8 | 5.2 |
| SE | 1.4 | 1.1 | .7 | .1 | .1 | | | | | | | 3.3 | 5.0 |
| SSE | 1.6 | 1.8 | 1.4 | .6 | .0 | | | | | | | 5.4 | 6.2 |
| S | 2.9 | 3.7 | 4.2 | 1.8 | .2 | | | | | | | 12.9 | 6.8 |
| SSW | 1.3 | 1.9 | 3.0 | 2.8 | .5 | | .0 | | | | | 11.5 | 9.0 |
| SW | 1.1 | 2.2 | 3.7 | 1.6 | .5 | .1 | | | | | | 9.3 | 8.5 |
| WSW | 1.0 | 1.0 | 2.1 | 1.3 | .3 | .0 | | | | | | 5.7 | 8.5 |
| W | 1.0 | 1.3 | 1.0 | .5 | .1 | | | | | | | 3.8 | 6.5 |
| WNW | .7 | .6 | .1 | .0 | .0 | | | | | | | 1.5 | 4.1 |
| NW | .5 | .5 | .2 | | | | | | | | | 1.2 | 4.4 |
| NNW | .5 | .3 | .3 | .1 | | | | | | | | 1.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.0 | |
| | 20.0 | 21.5 | 24.3 | 10.1 | 1.9 | .2 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2960

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .5 | .2 | .1 | .0 | | | | | | | 1.2 | 6.1 |
| NNE | .8 | .8 | .4 | .1 | .1 | | | | | | | 2.3 | 5.5 |
| NE | 1.3 | .6 | .4 | | | | | | | | | 2.4 | 4.2 |
| ENE | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.1 |
| E | .8 | .6 | .4 | | | | | | | | | 1.8 | 4.5 |
| ESE | .9 | .4 | .2 | .0 | | | | | | | | 1.6 | 3.8 |
| SE | 2.1 | .8 | .6 | .3 | .1 | | | | | | | 3.9 | 4.9 |
| SSE | 2.7 | 1.9 | 2.0 | .7 | | | | | | | | 7.3 | 5.6 |
| S | 4.7 | 4.9 | 4.7 | 1.8 | .1 | .1 | | | | | | 16.3 | 6.3 |
| SSW | 2.2 | 3.1 | 6.0 | 2.5 | .3 | | | | | | | 14.1 | 7.9 |
| SW | 1.6 | 2.1 | 3.0 | 1.4 | .2 | .0 | | | | | | 8.4 | 7.6 |
| WSW | .7 | .7 | .8 | .5 | .2 | .0 | | | | | | 3.0 | 7.8 |
| W | .7 | .7 | .4 | .1 | .0 | | | | | | | 2.0 | 5.3 |
| WNW | .2 | .3 | .1 | | | | | | | | | .6 | 4.2 |
| NW | .3 | .4 | .1 | | | | | | | | | .9 | 4.1 |
| NNW | .4 | .1 | .0 | | | | | | | | | .5 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.5 | |
| | 20.5 | 18.5 | 19.6 | 7.7 | 1.1 | .1 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 2955

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 41-72 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

| SPED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .3 | .1 | .1 | | | | | | | | 1.1 | 4.7 |
| NNE | .4 | .2 | .2 | .1 | .0 | | | | | | | .9 | 5.3 |
| NE | .7 | .4 | .1 | | | | | | | | | 1.2 | 3.7 |
| ENE | .5 | .2 | .1 | | | | | | | | | .7 | 3.6 |
| E | .9 | .5 | .1 | | | | | | | | | 1.5 | 3.6 |
| ESE | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.4 |
| SE | 1.9 | .5 | .4 | .1 | | | | | | | | 2.8 | 4.0 |
| SSE | 2.9 | 1.4 | .9 | .3 | | | | | | | | 5.6 | 4.4 |
| S | 6.2 | 5.9 | 5.4 | 1.0 | .2 | .1 | | | | | | 19.9 | 5.7 |
| SSW | 2.7 | 3.4 | 2.1 | 1.5 | .2 | .0 | | | | | | 12.9 | 7.0 |
| SW | 2.5 | 2.8 | 2.6 | .9 | .2 | | | | | | | 9.0 | 6.5 |
| WSW | .8 | 1.4 | .9 | .2 | .1 | .0 | | | | | | 3.4 | 5.9 |
| W | 1.1 | .6 | .4 | .1 | | | | | | | | 2.2 | 4.5 |
| WNW | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| NW | .5 | .1 | .0 | | | | | | | | | .6 | 3.0 |
| NNW | .2 | .2 | .0 | | | | | | | | | .4 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.3 | |
| | 22.6 | 19.1 | 16.8 | 4.3 | .7 | .2 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATION. 2864

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .2 | .0 | .1 | | | | | | | | .8 | 4.5 |
| NNE | .2 | .1 | .1 | | | | | | | | | .4 | 4.2 |
| NE | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.4 |
| ENE | .3 | .1 | .1 | | | | | | | | | .5 | 3.6 |
| E | .9 | .5 | | | | | | | | | | 1.3 | 3.3 |
| ESE | .9 | .3 | .2 | .0 | | | | | | | | 1.4 | 3.8 |
| SE | 1.5 | .7 | .3 | .1 | | | | | | | | 2.6 | 3.9 |
| SSE | 3.0 | 1.8 | .9 | .2 | .0 | .1 | | | | | | 6.1 | 4.8 |
| S | 6.3 | 6.5 | 5.2 | .7 | | .1 | .1 | .0 | | | | 18.8 | 5.5 |
| SSW | 2.9 | 4.0 | 5.3 | 1.3 | .2 | | | | | | | 13.8 | 6.7 |
| SW | 2.5 | 1.5 | 2.3 | 1.0 | .1 | | | | | | | 7.5 | 6.3 |
| WSW | 1.0 | .7 | .8 | .3 | .0 | | | | | | | 2.8 | 5.9 |
| W | .8 | .4 | .3 | .2 | | | | | | | | 1.8 | 5.3 |
| WNW | .2 | .1 | .1 | | | | | | | | | .3 | 4.1 |
| NW | .4 | .1 | .1 | | | | | | | | | .6 | 3.6 |
| NNW | .1 | .1 | .0 | | | | | | | | | .3 | 3.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.5 | |
| | 22.4 | 17.5 | 15.8 | 4.0 | .4 | .2 | .1 | .0 | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 2860

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .2 | .1 | .1 | | | | | | | | 1.2 | 4.5 |
| NNE | .7 | .5 | .4 | .2 | | | | | | | | 1.7 | 5.7 |
| NE | .7 | .6 | .4 | | | | | | | | | 1.6 | 4.4 |
| ENE | .5 | .2 | | | | | | | | | | .7 | 2.7 |
| E | 1.2 | .4 | .1 | | | | | | | | | 1.6 | 3.2 |
| ESE | .9 | .5 | .1 | | | | | | | | | 1.5 | 3.7 |
| SE | .8 | .5 | .4 | | | | | | | | | 1.7 | 4.4 |
| SSE | 1.4 | 1.7 | 1.0 | .6 | .1 | .0 | | | | | | 4.8 | 6.1 |
| S | 4.2 | 6.1 | 5.8 | 1.5 | .1 | .0 | .0 | | | | | 17.8 | 6.2 |
| SSW | 2.3 | 4.2 | 5.4 | 1.7 | .3 | .0 | | | | | | 14.0 | 7.2 |
| SW | 2.8 | 2.7 | 2.8 | 1.4 | .1 | .0 | | | | | | 9.8 | 6.7 |
| WSW | 1.3 | 1.1 | 1.3 | .5 | .1 | .0 | | | | | | 4.3 | 6.6 |
| W | 1.1 | .5 | .2 | .2 | .0 | | | | | | | 2.0 | 4.8 |
| WNW | .4 | .1 | .1 | .0 | | | | | | | | .6 | 4.5 |
| NW | .7 | .3 | .1 | | | | | | | | | 1.1 | 3.4 |
| NNW | .3 | .2 | .1 | | | | | | | | | .6 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.9 | |
| | 20.0 | 19.7 | 18.3 | 6.2 | .7 | .1 | .0 | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2856

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 1.9 | 1.9 | .5 | | .0 | | | | | | 6.2 | 5.9 |
| NNE | 1.7 | 1.7 | 2.0 | .7 | .1 | | | | | | | 6.3 | 6.3 |
| NE | 1.5 | 1.6 | 1.3 | .2 | | | | | | | | 4.5 | 5.4 |
| ENE | .6 | .3 | .3 | .1 | | | | | | | | 1.3 | 5.1 |
| E | .8 | .3 | .1 | .0 | | | | | | | | 1.3 | 3.9 |
| ESE | .3 | .3 | .2 | | | | | | | | | .9 | 4.7 |
| SE | .5 | .3 | .4 | .1 | .0 | | | | | | | 1.4 | 5.9 |
| SSE | .3 | .5 | 1.0 | .3 | | .0 | | | | | | 2.2 | 7.8 |
| S | 1.1 | 1.7 | 3.3 | 2.3 | .1 | .1 | | | | | | 8.6 | 8.6 |
| SSW | 1.2 | 2.3 | 6.5 | 4.5 | .5 | .1 | | | | | | 15.0 | 9.4 |
| SW | 1.5 | 3.0 | 5.8 | 3.0 | .6 | .1 | | | | | | 13.9 | 8.7 |
| WSW | 1.3 | 1.7 | 2.5 | 1.6 | .4 | .1 | | | | | | 7.6 | 8.6 |
| W | 2.0 | 2.3 | 1.7 | .6 | .2 | .0 | | | | | | 6.8 | 6.2 |
| WNW | 1.0 | 1.0 | .4 | .1 | | | | | | | | 2.7 | 5.1 |
| NW | 1.4 | 1.1 | .8 | .1 | | | | | | | | 3.4 | 4.7 |
| NNW | 1.0 | 1.2 | 1.1 | .1 | .0 | | | | | | | 3.5 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.4 | |
| | 18.3 | 21.3 | 29.4 | 14.3 | 1.9 | .4 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2859

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | 1.3 | 3.3 | 3.1 | 1.0 | .1 | | | | | | | 8.8 | 6.8 |
| NNE | .9 | 2.3 | 2.8 | .9 | .1 | | | | | | | 7.0 | 7.1 |
| NE | .9 | 1.3 | 1.6 | .4 | | | | | | | | 4.2 | 6.3 |
| ENE | .3 | .5 | .4 | .0 | | | | | | | | 1.3 | 5.6 |
| E | .2 | .2 | .1 | | | | | | | | | .6 | 3.8 |
| ESE | .4 | .2 | .0 | .0 | | | | | | | | .7 | 3.9 |
| SE | .4 | .2 | .2 | .1 | | | | | | | | 1.0 | 5.6 |
| SSE | .2 | .6 | .8 | .3 | .1 | | | | | | | 1.9 | 8.4 |
| S | .8 | 1.4 | 2.6 | 2.0 | .3 | .1 | | | | | | 7.2 | 9.2 |
| SSW | .7 | 1.8 | 4.4 | 4.2 | .9 | .0 | | | | | | 12.1 | 10.2 |
| SW | .9 | 2.1 | 5.2 | 3.7 | .9 | .1 | .1 | | | | | 12.9 | 9.9 |
| WSW | .9 | 2.5 | 3.6 | 3.0 | .9 | .2 | | | | | | 11.2 | 9.7 |
| W | 1.6 | 2.7 | 3.0 | 1.5 | .8 | .2 | | | | | | 9.9 | 8.6 |
| WNW | 1.0 | 1.7 | 1.4 | .3 | .1 | .0 | | | | | | 4.6 | 6.6 |
| NW | 1.1 | 1.9 | 2.0 | .6 | .1 | .0 | | | | | | 5.7 | 6.9 |
| NNW | 1.1 | 1.7 | 2.0 | .4 | .0 | | | | | | | 9.3 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 12.8 | 24.4 | 33.3 | 18.4 | 4.4 | .7 | .1 | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 2859

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEAR

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.7 | 3.4 | 1.4 | .1 | | | | | | | 9.1 | 7.4 |
| NNE | 1.5 | 2.2 | 3.4 | .8 | .1 | | | | | | | 8.0 | 7.0 |
| NE | .9 | 1.7 | 2.0 | .3 | .0 | | | | | | | 5.0 | 6.5 |
| ENE | .2 | .4 | .3 | .1 | | | | | | | | .9 | 6.0 |
| E | .3 | .4 | .2 | | | | | | | | | 1.0 | 4.7 |
| ESE | .4 | .2 | .1 | .1 | | | | | | | | .8 | 5.0 |
| SE | .4 | .5 | .5 | .1 | .0 | | | | | | | 1.5 | 6.4 |
| SSE | .2 | .7 | .9 | .3 | | | | | | | | 2.1 | 7.4 |
| S | .7 | 1.4 | 3.0 | 1.1 | .1 | .0 | | | | | | 6.4 | 8.3 |
| SSW | .4 | 2.0 | 3.7 | 3.1 | .6 | | | | | | | 9.8 | 9.9 |
| SW | .7 | 1.5 | 4.5 | 3.7 | .8 | .1 | .0 | | | | | 11.4 | 10.3 |
| WSW | .6 | 1.6 | 3.6 | 3.9 | .9 | .1 | | | | | | 10.7 | 10.6 |
| W | 1.3 | 3.0 | 4.4 | 3.0 | .7 | .3 | | | | | | 12.7 | 9.1 |
| WNW | .7 | 1.8 | 2.1 | .8 | .2 | .0 | | | | | | 5.6 | 7.5 |
| NW | 1.4 | 2.0 | 2.1 | .8 | | | | | | | | 6.3 | 6.6 |
| NNW | .7 | 1.2 | 1.6 | .5 | .0 | .0 | .0 | | | | | 4.2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 11.9 | 23.4 | 36.1 | 20.1 | 3.6 | .6 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2859

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 HCCORD AFB WASHINGTON/TACOMA 41-72 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.5 | 1.9 | .4 | .0 | | | | | | | 6.6 | 5.8 |
| NNE | 1.4 | 2.2 | 2.3 | .3 | | .1 | | | | | | 6.3 | 6.2 |
| NE | 1.5 | 2.0 | 1.6 | .2 | | | | | | | | 5.3 | 5.5 |
| ENE | .7 | .7 | .1 | .0 | | | | | | | | 1.6 | 4.0 |
| E | .9 | .7 | .1 | | | | | | | | | 1.7 | 3.9 |
| ESE | .5 | .4 | .1 | .0 | .0 | | | | | | | 1.0 | 4.9 |
| SE | .9 | .7 | .5 | .1 | | | | | | | | 2.1 | 4.9 |
| SSE | .9 | 1.0 | 1.2 | .3 | | | | | | | | 3.4 | 6.1 |
| S | 1.2 | 2.3 | 2.6 | .7 | .0 | | | | | | | 7.1 | 6.4 |
| SSW | 1.0 | 2.3 | 3.5 | 2.0 | .1 | .0 | | | | | | 9.0 | 8.3 |
| SW | 1.2 | 2.3 | 5.1 | 2.3 | .5 | | | | | | | 11.3 | 8.5 |
| WSW | .8 | 1.9 | 3.8 | 1.9 | .2 | | | | | | | 8.6 | 8.4 |
| W | 1.7 | 3.3 | 4.2 | 1.4 | .1 | .1 | | | | | | 10.8 | 7.2 |
| WNW | 1.1 | 1.9 | 1.3 | .1 | .1 | | | | | | | 4.4 | 5.5 |
| NW | 1.4 | .7 | .9 | .1 | | | | | | | | 3.1 | 5.2 |
| NNW | .8 | 1.0 | .9 | .2 | | | | | | | | 2.8 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 18.0 | 25.8 | 30.1 | 9.9 | 1.1 | .2 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 2859

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | .5 | .7 | .1 | | | | | | | | 2.3 | 5.2 |
| NNE | .7 | .8 | .7 | .0 | .1 | .0 | | | | | | 2.4 | 5.9 |
| NE | .9 | .9 | .5 | | | | | | | | | 2.3 | 4.6 |
| ENE | .4 | .2 | | | | | | | | | | .7 | 3.3 |
| E | .5 | .6 | .3 | | | | | | | | | 1.4 | 4.7 |
| ESE | .8 | .2 | .1 | | | | | | | | | 1.1 | 3.5 |
| SE | 1.0 | 1.0 | .3 | .1 | | | | | | | | 2.5 | 4.8 |
| SSE | 2.4 | 1.6 | .9 | .1 | | | | | | | | 5.0 | 4.4 |
| S | 3.4 | 5.4 | 4.2 | .9 | .1 | | | | | | | 15.7 | 5.3 |
| SSW | 2.5 | 3.8 | 5.7 | 1.6 | .1 | | | | | | | 13.8 | 7.1 |
| SW | 2.3 | 2.9 | 4.1 | .8 | .2 | | | | | | | 10.3 | 6.7 |
| WSW | 1.7 | 1.1 | 1.3 | .5 | .0 | | | | | | | 4.7 | 5.9 |
| W | 2.0 | 1.6 | 1.2 | .1 | | | | | | | | 5.0 | 4.8 |
| WNW | .9 | .8 | .2 | | | | | | | | | 2.0 | 3.8 |
| NW | .9 | .3 | .1 | | | | | | | | | 1.4 | 3.6 |
| NNW | .4 | .2 | .1 | | | | | | | | | .7 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.7 | |
| | 24.2 | 22.1 | 20.5 | 4.0 | .5 | .0 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

2865

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .3 | .3 | | | | | | | | | 1.3 | 4.1 |
| NNE | .6 | .7 | .2 | .0 | | | | | | | | 1.6 | 4.6 |
| NE | .7 | .6 | .2 | .1 | | | | | | | | 1.6 | 4.9 |
| ENE | .5 | .2 | .1 | | | | | | | | | .8 | 3.9 |
| E | .7 | .4 | .1 | | | | | | | | | 1.2 | 3.4 |
| ESE | .5 | .1 | | | | | | | | | | .7 | 2.9 |
| SE | 1.6 | .3 | .2 | | | | | | | | | 2.0 | 3.0 |
| SSE | 3.2 | 1.4 | .6 | .1 | | | | | | | | 5.3 | 3.9 |
| S | 7.1 | 2.4 | 2.5 | .6 | .1 | | | | | | | 15.7 | 4.6 |
| SSW | 3.4 | 3.8 | 4.3 | .8 | | | | | | | | 12.3 | 5.9 |
| SW | 2.4 | 2.5 | 3.4 | .5 | .1 | | | | | | | 9.9 | 5.7 |
| WSW | 1.8 | 1.8 | 1.0 | .5 | | | | | | | | 5.1 | 5.4 |
| W | 1.8 | 1.3 | .5 | .0 | | | | | | | | 3.6 | 4.1 |
| WNW | .5 | .4 | .1 | | | | | | | | | 1.0 | 4.0 |
| NW | .5 | .3 | .1 | | | | | | | | | .9 | 3.9 |
| NNW | .3 | .1 | .1 | | | | | | | | | .4 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.5 | |
| | 27.3 | 19.6 | 13.7 | 2.7 | .2 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 2964

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .1 | .1 | .0 | | | | | | | | .7 | 4.0 |
| NNE | .4 | .3 | .1 | .0 | | | | | | | | .8 | 4.2 |
| NE | .7 | .4 | .1 | | | | | | | | | 1.2 | 3.6 |
| ENE | .4 | .1 | | | | | | | | | | .5 | 2.7 |
| E | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.6 |
| ESE | 1.0 | .2 | .1 | .0 | | | | | | | | 1.3 | 3.1 |
| SE | 1.5 | .3 | .3 | | | | | | | | | 2.1 | 3.4 |
| SSE | 2.8 | 1.5 | .6 | .1 | | | | | | | | 5.0 | 3.9 |
| S | 6.8 | 5.8 | 3.4 | .3 | .0 | | | | | | | 16.4 | 4.7 |
| SSW | 3.4 | 3.9 | 4.1 | 1.0 | | | | | | | | 12.4 | 6.0 |
| SW | 3.1 | 2.5 | 2.9 | .4 | | | | | | | | 9.0 | 5.5 |
| WSW | 1.4 | 1.0 | .9 | .2 | | | | | | | | 3.5 | 5.3 |
| W | 1.3 | .8 | .4 | .0 | | | | | | | | 2.5 | 4.2 |
| WNW | .5 | .1 | | | | | | | | | | .6 | 3.0 |
| NW | .4 | .2 | | | | | | | | | | .6 | 3.0 |
| NNW | .0 | .0 | .0 | | | | | | | | | .1 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.1 | |
| | 25.0 | 17.6 | 13.1 | 2.1 | .0 | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS

2959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

HQCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | .0 | .4 | .2 | | | | | | | | 2.9 | 4.6 |
| NNE | 1.1 | .7 | .8 | .2 | .0 | | | | | | | 2.9 | 5.5 |
| NE | 1.6 | 1.2 | .7 | .1 | | | | | | | | 3.5 | 4.7 |
| ENE | .5 | .5 | .2 | | | | | | | | | 1.2 | 4.0 |
| E | .6 | .1 | .1 | .0 | | | | | | | | .8 | 3.6 |
| ESE | .6 | .1 | .1 | | | | | | | | | .8 | 3.0 |
| SE | .9 | .5 | .2 | | | | | | | | | 1.6 | 3.9 |
| SSE | 1.4 | 1.2 | .5 | .2 | | | | | | | | 3.3 | 4.9 |
| S | 3.3 | 3.6 | 3.1 | .6 | .0 | | | | | | | 10.6 | 5.7 |
| SSW | 3.0 | 4.7 | 5.1 | 1.3 | .0 | | | | | | | 14.1 | 6.4 |
| SW | 2.9 | 3.4 | 4.7 | 1.3 | .0 | | | | | | | 12.3 | 6.5 |
| WSW | 2.0 | 2.1 | 1.7 | .5 | | | | | | | | 6.2 | 5.6 |
| W | 1.8 | 1.6 | .8 | .2 | .1 | | | | | | | 4.4 | 5.1 |
| WNW | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.6 |
| NW | .7 | .5 | .1 | .0 | | | | | | | | 1.4 | 4.0 |
| NNW | .8 | .4 | .2 | .0 | | | | | | | | 1.4 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.5 | |
| | 23.3 | 21.7 | 18.8 | 4.6 | .2 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

2958

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 3.3 | 2.4 | .9 | .0 | | | | | | | 9.0 | 6.0 |
| NNE | 1.2 | 2.7 | 3.0 | .9 | | | | | | | | 7.9 | 6.8 |
| NE | 1.2 | 1.7 | 2.2 | .7 | .1 | | | | | | | 5.9 | 6.9 |
| NNE | .6 | .4 | .4 | .1 | | | | | | | | 1.5 | 5.7 |
| E | .2 | .2 | .2 | | | | | | | | | .7 | 5.0 |
| ESE | .3 | .2 | .1 | .1 | | | | | | | | .6 | 4.7 |
| SE | .4 | .3 | .2 | .0 | | | | | | | | .9 | 4.6 |
| SSE | .4 | .4 | .6 | .1 | .0 | | | | | | | 1.6 | 6.3 |
| S | .9 | 1.1 | 1.8 | .9 | .1 | .0 | | | | | | 4.9 | 7.6 |
| SSW | 1.3 | 2.6 | 4.7 | 2.2 | .1 | .1 | | | | | | 10.9 | 8.1 |
| SW | 2.0 | 3.7 | 5.3 | 2.3 | .2 | .1 | | | | | | 13.7 | 7.9 |
| WSW | .9 | 2.4 | 3.8 | 1.5 | .2 | | | | | | | 8.8 | 7.8 |
| W | 2.8 | 3.6 | 2.4 | .5 | .2 | | | | | | | 9.5 | 5.7 |
| WNW | 1.2 | 1.5 | .9 | | | | | | | | | 3.6 | 5.0 |
| NW | 1.4 | 1.5 | 1.1 | .2 | | | | | | | | 4.2 | 5.3 |
| NNW | .9 | 2.3 | 1.4 | .3 | | | | | | | | 5.0 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 18.3 | 27.9 | 30.3 | 10.9 | .9 | .2 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 2954

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.5 | 4.9 | 1.4 | .0 | | | | | | | 11.2 | 7.2 |
| NNE | 1.0 | 2.6 | 4.8 | 1.6 | | .1 | | | | | | 10.1 | 7.8 |
| NE | 1.0 | 1.3 | 2.3 | .7 | .1 | | | | | | | 5.5 | 7.4 |
| ENE | .3 | .6 | .5 | .1 | | | | | | | | 1.6 | 5.9 |
| E | .4 | .5 | .1 | | | | | | | | | 1.0 | 4.1 |
| ESE | .2 | .1 | .2 | | | | | | | | | .4 | 5.2 |
| SE | .1 | .3 | .2 | .1 | | | | | | | | .7 | 6.3 |
| SSE | .3 | .4 | .3 | .1 | .1 | | | | | | | 1.2 | 7.3 |
| S | .7 | 1.0 | 1.3 | .4 | .1 | | | | | | | 3.6 | 7.4 |
| SSW | .9 | 1.3 | 2.9 | 2.0 | .2 | .1 | .0 | | | | | 7.3 | 9.0 |
| SW | 1.4 | 2.6 | 3.6 | 2.8 | .2 | .0 | | | | | | 10.6 | 8.4 |
| WSW | .9 | 2.5 | 3.5 | 2.3 | .5 | .1 | .0 | | | | | 9.8 | 9.2 |
| W | 1.6 | 4.3 | 4.9 | 1.8 | .4 | .0 | | | | | | 13.0 | 7.6 |
| WNW | .8 | 2.5 | 2.3 | .3 | .2 | | | | | | | 6.2 | 7.0 |
| NW | 1.3 | 2.3 | 2.3 | .6 | | | | | | | | 6.5 | 6.5 |
| NNW | 1.1 | 2.1 | 2.0 | .4 | .0 | | | | | | | 5.6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 13.3 | 28.0 | 36.3 | 14.5 | 1.9 | .3 | .1 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24297
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.5 | 3.3 | 1.5 | .1 | | | | | | | 9.9 | 7.2 |
| NNE | .8 | 2.8 | 5.3 | 1.9 | .1 | .0 | | | | | | 10.9 | 8.1 |
| NE | .9 | 1.5 | 2.4 | .8 | .1 | .0 | | | | | | 5.7 | 7.4 |
| ENE | .4 | .5 | .7 | .4 | | | | | | | | 2.0 | 7.3 |
| E | .4 | .4 | .2 | | | | | | | | | 1.0 | 4.7 |
| ESE | .1 | .3 | .2 | .1 | | | | | | | | .6 | 5.9 |
| SE | .4 | .5 | .2 | .0 | | | | | | | | 1.1 | 5.1 |
| SSE | .3 | .7 | .3 | .1 | .0 | | | | | | | 1.5 | 5.9 |
| S | .7 | .9 | .9 | .6 | .1 | | | | | | | 3.3 | 7.3 |
| SSW | .3 | 1.6 | 2.1 | 1.2 | .1 | | | | | | | 5.2 | 8.5 |
| SW | 1.0 | 2.0 | 3.3 | 2.4 | .3 | .0 | | | | | | 9.1 | 9.0 |
| WSW | .6 | 2.0 | 3.9 | 3.1 | .5 | .1 | | | | | | 10.2 | 9.6 |
| W | 1.4 | 3.8 | 5.7 | 3.2 | .6 | .1 | | | | | | 14.7 | 8.7 |
| WNW | 1.4 | 2.1 | 3.0 | 1.1 | .1 | .0 | .0 | | | | | 7.8 | 7.5 |
| NW | 1.0 | 2.2 | 2.2 | .7 | | | | | | | | 6.2 | 6.8 |
| NNW | 1.1 | 1.9 | 2.1 | .6 | .0 | | | | | | | 5.6 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 12.3 | 26.6 | 35.9 | 17.6 | 2.2 | .3 | .0 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 2965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.5 | 2.9 | .4 | .0 | | | | | | | 8.1 | 6.4 |
| NNE | 1.8 | 4.3 | 4.1 | .8 | .1 | | | | | | | 11.1 | 6.6 |
| NE | 1.3 | 1.9 | 1.9 | .3 | | | | | | | | 5.3 | 5.9 |
| ENE | .9 | .5 | .5 | .0 | | | | | | | | 2.0 | 4.5 |
| E | .7 | .7 | .1 | .1 | | | | | | | | 1.5 | 4.0 |
| ESE | .4 | .3 | .1 | .1 | | | | | | | | .9 | 4.8 |
| SE | .8 | .7 | .1 | .2 | .0 | | | | | | | 1.8 | 4.7 |
| SSE | .9 | .8 | .6 | .1 | | | | | | | | 2.4 | 4.9 |
| S | 1.1 | 1.7 | .9 | .4 | | | | | | | | 4.2 | 5.8 |
| SSW | .8 | 1.6 | 2.1 | .6 | | | | | | | | 5.1 | 7.1 |
| SW | .9 | 2.1 | 4.4 | 1.6 | .1 | .0 | | | | | | 9.2 | 8.2 |
| WSW | .9 | 2.2 | 4.5 | 1.8 | .2 | .1 | | | | | | 9.7 | 8.5 |
| W | 2.4 | 4.7 | 5.9 | 2.0 | .2 | .0 | .0 | | | | | 15.3 | 7.4 |
| WNW | 1.7 | 2.5 | 2.4 | .6 | .0 | | | | | | | 7.2 | 6.1 |
| NW | 1.2 | 1.6 | 1.1 | .2 | | | | | | | | 4.1 | 5.4 |
| NNW | .7 | 1.2 | 1.0 | .2 | | | | | | | | 3.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 18.0 | 30.0 | 32.6 | 9.3 | .7 | .2 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.3 | .5 | .1 | | | | | | | | 3.4 | 4.4 |
| NNE | 1.7 | 1.6 | .7 | .2 | .0 | | | | | | | 4.2 | 4.9 |
| NE | 1.7 | 1.1 | .7 | .1 | | | | | | | | 3.6 | 4.5 |
| ENE | .6 | .5 | .1 | | | | | | | | | 1.2 | 4.1 |
| E | .7 | .5 | .2 | | | | | | | | | 1.3 | 3.9 |
| ESE | .7 | .3 | .0 | .1 | | | | | | | | 1.1 | 3.5 |
| SE | .9 | .5 | .4 | | | | | | | | | 1.9 | 4.4 |
| SSE | 1.4 | .6 | .6 | .1 | | | | | | | | 2.7 | 4.5 |
| S | 4.0 | 3.4 | 2.0 | .3 | .1 | | | | | | | 9.8 | 4.8 |
| SSW | 2.3 | 3.5 | 3.9 | .9 | | | | | | | | 10.6 | 6.3 |
| SW | 2.1 | 3.0 | 4.4 | 1.0 | .1 | | | | | | | 10.6 | 6.7 |
| WSW | 2.1 | 3.0 | 2.4 | .3 | .1 | | | | | | | 7.9 | 5.8 |
| W | 2.9 | 3.8 | 2.1 | .2 | | | | | | | | 9.1 | 5.1 |
| WNW | 1.5 | 1.2 | .5 | .1 | | | | | | | | 3.3 | 4.6 |
| NW | 1.1 | .5 | .3 | .0 | | | | | | | | 2.0 | 4.2 |
| NNW | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.9 | |
| | 26.1 | 25.3 | 18.9 | 3.4 | .3 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.4 |
| NNE | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.5 |
| NE | .7 | .2 | | | | | | | | | | 1.0 | 3.0 |
| ENE | .7 | .0 | | | | | | | | | | .7 | 2.5 |
| E | .7 | .2 | .1 | | | | | | | | | 1.1 | 3.1 |
| ESE | .4 | .2 | | | | | | | | | | .6 | 2.9 |
| SE | 1.1 | .4 | .0 | .0 | | | | | | | | 1.6 | 3.0 |
| SSE | 2.3 | 1.4 | .2 | | | | | | | | | 4.0 | 3.5 |
| S | 6.2 | 7.0 | 2.8 | .3 | | | | | | | | 16.4 | 4.5 |
| SSW | 3.7 | 4.9 | 3.5 | .5 | | | | | | | | 12.7 | 5.4 |
| SW | 4.2 | 3.9 | 2.9 | .3 | | | | | | | | 11.3 | 5.1 |
| WSW | 2.1 | 2.0 | .9 | .3 | | | | | | | | 5.3 | 4.9 |
| W | 3.2 | 1.4 | .5 | .0 | | | | | | | | 5.1 | 3.7 |
| WNW | 1.3 | .7 | .1 | | | | | | | | | 2.1 | 3.4 |
| NW | .8 | .5 | .0 | | | | | | | | | 1.3 | 3.1 |
| NNW | .4 | .2 | .1 | | | | | | | | | .7 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.3 | |
| | 29.0 | 23.8 | 11.5 | 1.5 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS

2811

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .1 | .1 | | | | | | | | | .5 | 3.7 |
| NNE | .4 | .2 | .1 | | | | | | | | | .7 | 3.7 |
| NE | .3 | .0 | .0 | | | | | | | | | .4 | 3.1 |
| ENE | .4 | .0 | | | | | | | | | | .4 | 1.2 |
| E | 1.1 | .1 | .0 | | | | | | | | | 1.3 | 2.6 |
| ESE | .6 | .2 | | | | | | | | | | .9 | 2.9 |
| SE | 1.7 | .2 | .0 | | | | | | | | | 2.0 | 2.5 |
| SSE | 3.1 | 1.1 | .3 | | | | | | | | | 4.5 | 3.2 |
| S | 7.3 | 6.4 | 2.7 | .2 | | | | | | | | 16.6 | 4.3 |
| SSW | 4.3 | 5.4 | 3.2 | .3 | | | | | | | | 13.2 | 5.1 |
| SW | 3.7 | 3.4 | 2.8 | .3 | | | | | | | | 10.2 | 5.1 |
| WSW | 1.9 | 1.7 | .8 | .2 | | | | | | | | 4.5 | 4.9 |
| W | 1.6 | 1.0 | .4 | | | | | | | | | 2.9 | 3.9 |
| WNW | .8 | .3 | .0 | | | | | | | | | 1.1 | 3.1 |
| NW | .6 | .2 | .0 | | | | | | | | | .9 | 3.2 |
| NNW | .1 | .1 | .0 | | | | | | | | | .3 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.5 | |
| | 28.2 | 20.7 | 10.6 | 1.0 | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

2809

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .7 | .6 | | | | | | | | | 2.6 | 4.3 |
| NNE | 1.2 | 1.2 | .8 | .0 | | | | | | | | 3.3 | 4.9 |
| NE | .9 | .7 | .5 | | | | | | | | | 2.1 | 4.0 |
| ENE | .7 | .3 | .1 | | | | | | | | | 1.0 | 3.4 |
| E | .9 | .3 | .1 | | | | | | | | | 1.3 | 3.4 |
| ESE | .4 | .1 | | .0 | | | | | | | | .5 | 3.6 |
| SE | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.6 |
| SSE | 1.2 | 1.0 | .5 | .0 | | | | | | | | 2.9 | 4.4 |
| S | 3.1 | 3.7 | 3.3 | .1 | .0 | | | | | | | 10.3 | 5.5 |
| SSW | 2.9 | 4.5 | 5.0 | .7 | | | | | | | | 13.1 | 6.1 |
| SW | 4.2 | 5.9 | 5.1 | 1.2 | | | | | | | | 16.4 | 6.0 |
| WSW | 2.1 | 2.4 | 2.4 | .3 | | | | | | | | 7.3 | 5.7 |
| W | 2.0 | 1.7 | .7 | .1 | | | | | | | | 4.6 | 4.5 |
| WNW | 1.1 | .8 | .2 | | | | | | | | | 2.1 | 3.8 |
| NW | 1.1 | .5 | .1 | .0 | | | | | | | | 1.7 | 3.6 |
| NNW | .8 | .4 | .2 | | | | | | | | | 1.4 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.2 | |
| | 24.7 | 24.7 | 19.8 | 2.6 | .0 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2806

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

| SPEED (KNTS) D/R. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.3 | 3.1 | .5 | | | | | | | | 8.2 | 6.0 |
| NNE | 1.2 | 2.5 | 3.1 | .3 | .0 | | | | | | | 7.2 | 6.4 |
| NE | 1.3 | 1.1 | 1.3 | .1 | | | | | | | | 3.8 | 5.4 |
| ENE | .4 | .3 | .1 | | | | | | | | | .8 | 4.0 |
| E | .3 | .1 | .1 | | | | | | | | | .5 | 4.3 |
| ESE | .3 | .1 | .0 | | | | | | | | | .4 | 3.1 |
| SE | .5 | .3 | .1 | .0 | | | | | | | | 1.0 | 4.1 |
| SSE | .4 | .7 | .1 | .2 | | | | | | | | 1.4 | 5.3 |
| S | 1.4 | 1.7 | 1.8 | .4 | .1 | | | | | | | 5.3 | 6.3 |
| SSW | 1.4 | 3.1 | 4.3 | 1.5 | .0 | | | | | | | 10.4 | 7.3 |
| SW | 2.7 | 4.8 | 7.0 | 1.7 | .1 | .0 | | | | | | 16.4 | 7.0 |
| WSW | 1.7 | 3.9 | 4.0 | 1.3 | .1 | | | | | | | 10.9 | 7.0 |
| W | 2.4 | 4.2 | 2.1 | .4 | .1 | | | | | | | 9.2 | 5.5 |
| WNW | .4 | 1.9 | 1.4 | .2 | .0 | | | | | | | 4.9 | 5.5 |
| NW | 2.0 | 1.6 | 1.2 | .2 | | | | | | | | 5.1 | 5.1 |
| NNW | .9 | 1.5 | 1.5 | .4 | | | | | | | | 4.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.3 | |
| | 20.7 | 30.0 | 31.3 | 7.2 | .5 | .0 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

2804

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72 JUN
STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.7 | 4.6 | .9 | | | | | | | | 10.6 | 6.9 |
| NNE | .8 | 2.3 | 3.8 | 1.4 | | | | | | | | 8.3 | 7.7 |
| NE | .9 | 1.5 | 1.5 | .3 | | | | | | | | 4.1 | 6.2 |
| ENE | .1 | .2 | .1 | | | | | | | | | .5 | 5.0 |
| E | .2 | .2 | .1 | | | | | | | | | .6 | 4.9 |
| ESE | .1 | .2 | .1 | | | | | | | | | .4 | 4.3 |
| SE | .3 | .2 | .0 | .0 | | | | | | | | .6 | 4.3 |
| SSE | .2 | .4 | .2 | .0 | | | | | | | | .8 | 5.5 |
| S | .6 | 1.0 | 1.2 | .5 | | | | | | | | 3.3 | 6.8 |
| SSW | 1.1 | 2.1 | 3.5 | 1.3 | .1 | | | | | | | 8.1 | 7.6 |
| SW | 1.4 | 3.0 | 5.9 | 2.3 | .3 | | | | | | | 12.8 | 8.2 |
| WSW | 1.4 | 3.5 | 4.8 | 2.2 | .4 | .0 | | | | | | 12.3 | 8.1 |
| W | 1.8 | 3.3 | 5.6 | 1.5 | .1 | | | | | | | 12.2 | 7.3 |
| WNW | 1.2 | 2.7 | 3.2 | .5 | .0 | | | | | | | 7.7 | 6.4 |
| NW | 1.3 | 2.8 | 2.4 | .3 | .0 | | | | | | | 7.0 | 6.0 |
| NNW | 1.0 | 2.2 | 2.4 | .4 | | | | | | | | 5.9 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 14.0 | 29.3 | 39.4 | 11.6 | .9 | .0 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2807

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24207 MCCHORD AFB WASHINGTON/TACOMA 41-72 YEARS MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 2.7 | 3.7 | .7 | .0 | | | | | | | 8.3 | 7.0 |
| NNE | .8 | 2.8 | 5.0 | 1.1 | .1 | | | | | | | 9.7 | 7.6 |
| NE | .7 | 1.4 | 2.5 | .3 | | | | | | | | 4.9 | 6.8 |
| ENE | .2 | .6 | .3 | .1 | | | | | | | | 1.3 | 6.0 |
| E | .3 | .4 | .2 | | | | | | | | | 1.0 | 5.1 |
| ESE | .1 | .2 | .1 | | .0 | .0 | | | | | | .5 | 6.7 |
| SE | .4 | .4 | .2 | .1 | | | | | | | | 1.1 | 5.0 |
| SSE | .3 | .6 | .5 | .1 | | | | | | | | 1.4 | 6.2 |
| S | .6 | 1.2 | 1.5 | .2 | | | | | | | | 3.5 | 6.3 |
| SSW | .6 | 1.4 | 2.2 | .9 | .1 | | | | | | | 5.2 | 7.8 |
| SW | 1.1 | 2.6 | 4.5 | 2.4 | .2 | .0 | | | | | | 10.8 | 8.3 |
| WSW | .9 | 2.4 | 4.9 | 2.7 | .4 | .1 | .0 | | | | | 11.4 | 9.2 |
| W | 1.3 | 3.7 | 6.2 | 2.3 | .5 | | | | | | | 14.1 | 8.2 |
| WNW | 1.3 | 3.1 | 3.3 | .9 | .0 | | | | | | | 8.6 | 6.8 |
| NW | 1.1 | 3.2 | 2.8 | .3 | .1 | | | | | | | 7.4 | 6.4 |
| NNW | .9 | 2.3 | 2.4 | .6 | | | | | | | | 5.9 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 11.4 | 29.1 | 40.4 | 12.7 | 1.5 | .2 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2814

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.3 | 3.0 | .6 | .0 | | | | | | | 8.3 | 6.4 |
| NNE | 1.9 | 4.5 | 3.8 | .8 | .0 | | | | | | | 11.1 | 6.4 |
| NE | 2.0 | 2.6 | 1.2 | .2 | | | | | | | | 6.0 | 5.0 |
| ENE | .7 | .4 | .1 | .1 | | | | | | | | 1.3 | 4.3 |
| E | .5 | .3 | .1 | | | | | | | | | .9 | 3.9 |
| ESE | .4 | .3 | .3 | | | | | | | | | 1.0 | 4.9 |
| SE | .2 | .6 | .3 | | | | | | | | | 1.1 | 5.0 |
| SSE | .4 | .6 | .4 | .0 | | | | | | | | 1.4 | 5.2 |
| S | 1.1 | 1.7 | 1.6 | .2 | .0 | | | | | | | 4.6 | 5.8 |
| SSW | .7 | 2.1 | 2.0 | .7 | | | | | | | | 5.4 | 6.9 |
| SW | .7 | 2.3 | 5.1 | 1.8 | .0 | | | | | | | 9.9 | 8.1 |
| WSW | .7 | 2.8 | 4.1 | 1.6 | .2 | .0 | | | | | | 9.5 | 8.1 |
| W | 1.9 | 5.0 | 7.8 | 1.5 | .1 | | | | | | | 16.2 | 7.3 |
| WNW | 1.5 | 2.6 | 3.1 | .7 | .0 | .0 | | | | | | 8.0 | 6.7 |
| NW | 1.4 | 1.8 | 1.0 | .1 | | | | | | | | 4.2 | 5.0 |
| NNW | .9 | 1.3 | 1.0 | .2 | | | | | | | | 3.3 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 16.2 | 22.2 | 34.8 | 8.4 | .6 | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

2808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | .9 | .4 | .0 | | | | | | | | 2.9 | 4.1 |
| NNE | 1.4 | 1.6 | .4 | .1 | .0 | | | | | | | 3.5 | 4.6 |
| NE | 2.1 | 1.0 | .2 | .1 | | | | | | | | 3.4 | 3.6 |
| ENE | .5 | .2 | .1 | | | | | | | | | .9 | 3.5 |
| E | .9 | .2 | .0 | | | | | | | | | 1.1 | 2.8 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 2.9 |
| SE | .6 | .2 | .0 | | | | | | | | | .9 | 3.3 |
| SSE | 1.4 | 1.1 | .2 | | | | | | | | | 2.6 | 3.7 |
| S | 3.2 | 3.3 | 1.9 | .2 | | | | | | | | 9.2 | 4.8 |
| SSW | 1.9 | 4.4 | 4.0 | .4 | .1 | | | | | | | 10.8 | 6.0 |
| SW | 1.7 | 5.0 | 3.8 | .7 | | | | | | | | 11.3 | 6.2 |
| WSW | 1.8 | 3.3 | 2.4 | .3 | | | | | | | | 7.8 | 5.7 |
| W | 3.7 | 5.0 | 2.6 | .2 | | | | | | | | 11.4 | 5.0 |
| WNW | 2.3 | 1.4 | .9 | .0 | | | | | | | | 4.6 | 4.4 |
| NW | 1.4 | .9 | .3 | .0 | | | | | | | | 2.7 | 3.9 |
| NNW | 1.0 | .7 | .4 | .0 | | | | | | | | 2.1 | 4.4 |
| VAREL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 25.6 | 30.0 | 17.6 | 2.1 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

2808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .3 | .1 | | | | | | | | | .9 | 3.6 |
| NNE | .9 | .2 | .0 | | | | | | | | | 1.1 | 2.5 |
| NE | .6 | .5 | .1 | | | | | | | | | 1.2 | 3.7 |
| ENE | .5 | .3 | .0 | | | | | | | | | .8 | 3.3 |
| E | .4 | .4 | | | | | | | | | | .8 | 3.3 |
| ESE | .4 | .1 | .0 | | | | | | | | | .5 | 2.8 |
| SE | .9 | .2 | .0 | | | | | | | | | 1.1 | 2.6 |
| SSE | 2.4 | .7 | .2 | | | | | | | | | 3.4 | 3.2 |
| S | 7.0 | 4.3 | 1.2 | .0 | | | | | | | | 12.5 | 3.7 |
| SSW | 2.9 | 3.4 | 1.8 | .2 | | | | | | | | 8.3 | 4.9 |
| SW | 4.2 | 4.5 | 2.2 | .3 | | | | | | | | 11.3 | 4.8 |
| WSW | 2.4 | 2.3 | .9 | .0 | | | | | | | | 5.6 | 4.2 |
| W | 3.8 | 2.3 | .5 | | | | | | | | | 6.6 | 3.5 |
| WNW | 1.4 | .4 | .2 | | | | | | | | | 2.0 | 3.3 |
| NW | .8 | .5 | .0 | | | | | | | | | 1.3 | 3.4 |
| NNW | .3 | .3 | .0 | | | | | | | | | .7 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 41.8 | |
| | 29.5 | 20.7 | 7.5 | .6 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS

2982

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/M4C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACUMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | | .0 | | | | | | | | | .3 | 3.1 |
| NNE | .2 | .0 | | | | | | | | | | .2 | 2.3 |
| NE | .4 | .2 | .1 | | | | | | | | | .7 | 3.4 |
| ENE | .4 | .2 | .0 | | | | | | | | | .7 | 3.5 |
| E | .2 | .2 | .0 | | | | | | | | | .4 | 4.1 |
| ESE | .6 | .1 | .1 | | | | | | | | | .8 | 3.0 |
| SE | 1.0 | .4 | | | | | | | | | | 1.4 | 2.8 |
| SSE | 2.8 | 1.3 | .1 | .0 | | | | | | | | 4.3 | 3.1 |
| S | 9.0 | 4.3 | 1.4 | .1 | | | | | | | | 14.7 | 3.5 |
| SSW | 3.6 | 3.7 | 2.1 | .2 | | | | | | | | 9.5 | 4.8 |
| SW | 3.8 | 3.6 | 1.8 | .2 | | | | | | | | 9.4 | 4.6 |
| WSW | 2.2 | 2.6 | .8 | | | | | | | | | 5.7 | 4.2 |
| W | 2.5 | 1.1 | .3 | | | | | | | | | 3.9 | 3.3 |
| WNW | .6 | .2 | | | | | | | | | | .9 | 3.1 |
| NW | .4 | .2 | | | | | | | | | | .6 | 3.1 |
| NNW | .2 | .1 | | | | | | | | | | .2 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 46.3 | |
| | 28.2 | 18.3 | 6.7 | .5 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS

2979

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | .9 | .4 | | | | | | | | | 2.7 | 4.0 |
| NNE | 1.3 | 1.0 | .8 | .1 | | | | | | | | 3.2 | 4.8 |
| NE | 1.3 | .7 | .6 | .0 | | | | | | | | 2.6 | 4.5 |
| ENE | .6 | .3 | .2 | | | | | | | | | 1.2 | 3.9 |
| E | .2 | .1 | .0 | | | | | | | | | .4 | 3.1 |
| ESE | .3 | .1 | .0 | | | | | | | | | .5 | 3.3 |
| SE | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.4 |
| SSE | 1.1 | .5 | .1 | .0 | | | | | | | | 1.9 | 3.5 |
| S | 4.0 | 3.1 | 1.7 | .3 | | | | | | | | 9.0 | 4.6 |
| SSW | 2.7 | 4.1 | 4.1 | .3 | | | | | | | | 11.3 | 5.8 |
| SW | 4.8 | 5.2 | 3.5 | .2 | | | | | | | | 13.6 | 5.0 |
| WSW | 2.4 | 3.6 | 2.2 | .3 | .0 | | | | | | | 8.5 | 5.4 |
| W | 2.4 | 2.1 | .5 | .0 | | | | | | | | 5.1 | 3.9 |
| WNW | 1.1 | .6 | .1 | | | | | | | | | 1.9 | 3.5 |
| NW | .8 | .2 | .1 | .0 | | | | | | | | 1.1 | 3.5 |
| NNW | .8 | .4 | .0 | | | | | | | | | 1.2 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.9 | |
| | 25.8 | 23.5 | 14.5 | 1.3 | .0 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 2968

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 STATION MCCHORD AFB WASHINGTON/TACOMA 40-72 YEARS JUL MONTH
0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.2 | 4.0 | 3.7 | .6 | | | | | | | | 10.4 | 6.1 |
| NNE | 1.2 | 2.8 | 4.1 | .6 | | | | | | | | 8.8 | 6.9 |
| NE | 1.1 | 1.2 | 1.6 | .3 | | | | | | | | 4.2 | 6.1 |
| ENE | .4 | .6 | .5 | | | | | | | | | 1.5 | 5.3 |
| E | .3 | .2 | .1 | | | | | | | | | .5 | 3.7 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 3.1 |
| SE | .4 | .1 | .0 | | | | | | | | | .5 | 3.1 |
| SSE | .5 | .3 | .2 | | | | | | | | | 1.0 | 4.0 |
| S | 1.0 | 1.4 | 1.9 | .3 | | | | | | | | 4.6 | 6.2 |
| SSW | 1.1 | 2.7 | 3.5 | .9 | .0 | | | | | | | 8.3 | 7.1 |
| SW | 2.1 | 4.6 | 5.1 | .9 | .1 | | | | | | | 12.7 | 6.6 |
| WSW | 1.5 | 3.7 | 3.3 | .5 | .0 | | | | | | | 9.0 | 6.2 |
| W | 2.6 | 4.6 | 2.3 | .3 | | | | | | | | 9.7 | 5.2 |
| WNW | 2.0 | 2.6 | 1.1 | .1 | | | | | | | | 5.7 | 4.7 |
| NW | 2.0 | 2.8 | 1.1 | .2 | | | | | | | | 6.1 | 5.0 |
| NNW | 1.3 | 2.5 | 1.2 | .1 | | | | | | | | 5.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 19.8 | 34.1 | 29.7 | 4.8 | .1 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2967

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 4.8 | 5.9 | 1.1 | | | | | | | | 12.6 | 7.1 |
| NNE | .8 | 3.4 | 6.2 | 1.7 | .0 | | | | | | | 12.1 | 7.8 |
| NE | .4 | 1.4 | 2.6 | .7 | | | | | | | | 5.1 | 7.7 |
| ENE | .2 | .4 | .8 | .1 | | | | | | | | 1.5 | 7.0 |
| E | .2 | .2 | .0 | | | | | | | | | .4 | 3.9 |
| ESE | .2 | .0 | | | | | | | | | | .2 | 2.5 |
| SE | .1 | .1 | | | | | | | | | | .3 | 3.8 |
| SSE | .2 | .3 | .1 | .0 | | | | | | | | .6 | 4.8 |
| S | .5 | 1.1 | 1.2 | .3 | | | | | | | | 3.1 | 6.8 |
| SSW | .4 | 1.4 | 2.4 | .9 | | | | | | | | 5.2 | 7.8 |
| SW | .7 | 2.3 | 3.4 | 1.2 | .2 | .0 | | | | | | 7.8 | 8.0 |
| WSW | 1.0 | 2.4 | 4.2 | 1.3 | .1 | .0 | | | | | | 9.1 | 7.5 |
| W | 1.6 | 4.9 | 4.9 | 1.0 | .1 | | | | | | | 12.4 | 6.7 |
| WNW | 1.2 | 3.8 | 3.0 | .4 | .1 | | | | | | | 8.6 | 6.3 |
| NW | 1.6 | 3.9 | 3.0 | .6 | .0 | | | | | | | 9.1 | 6.2 |
| NNW | .8 | 3.3 | 2.5 | .5 | | | | | | | | 7.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 10.8 | 33.6 | 40.3 | 10.0 | .5 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

2984

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 4.7 | 4.8 | 1.1 | .1 | | | | | | | 12.1 | 6.8 |
| NNE | .8 | 3.8 | 6.7 | 1.8 | .1 | | | | | | | 13.1 | 7.9 |
| NE | .6 | 2.2 | 3.5 | .6 | .0 | | | | | | | 7.0 | 7.1 |
| ENE | .3 | .6 | .6 | .1 | | | | | | | | 1.6 | 6.3 |
| E | .2 | .2 | .0 | | | | | | | | | .5 | 3.8 |
| ESE | .0 | | | | | | | | | | | .0 | 3.0 |
| SE | .1 | .1 | .0 | | | | | | | | | .3 | 4.3 |
| SSE | .1 | .4 | .1 | | | | | | | | | .6 | 4.9 |
| S | .2 | .7 | .7 | .1 | | | | | | | | 1.6 | 6.4 |
| SSW | .3 | .8 | 1.0 | .4 | .0 | | | | | | | 2.7 | 7.5 |
| SW | .5 | 1.7 | 3.2 | 1.4 | .1 | | | | | | | 6.9 | 8.4 |
| WSW | .8 | 2.2 | 2.9 | 1.4 | .3 | | | | | | | 7.5 | 8.2 |
| W | 1.6 | 4.5 | 7.1 | 2.0 | .3 | | | | | | | 15.5 | 7.7 |
| WNW | 1.1 | 4.3 | 4.9 | 1.0 | .0 | | | | | | | 11.3 | 7.1 |
| NW | 1.1 | 3.6 | 4.0 | .9 | | | | | | | | 9.6 | 6.8 |
| NNW | .9 | 2.8 | 2.9 | .5 | | | | | | | | 7.0 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 10.1 | 32.7 | 42.4 | 11.3 | .8 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 3.9 | 4.1 | .5 | | | | | | | | 10.1 | 6.2 |
| NNE | 2.4 | 6.2 | 5.6 | .8 | | | | | | | | 15.0 | 6.1 |
| NE | 1.9 | 2.8 | 2.0 | .2 | | | | | | | | 6.9 | 5.5 |
| ENE | .6 | .4 | .5 | | | | | | | | | 1.5 | 4.8 |
| E | .4 | .4 | .0 | | | | | | | | | .8 | 3.6 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 2.9 |
| SE | .2 | .1 | | | | | | | | | | .3 | 2.8 |
| SSE | .2 | .3 | .1 | | | | | | | | | .6 | 4.3 |
| S | .4 | .9 | .4 | .0 | | | | | | | | 1.7 | 5.2 |
| SSW | .5 | 1.2 | 1.0 | .2 | | | | | | | | 2.8 | 6.4 |
| SW | .7 | 1.8 | 2.9 | .6 | | | | | | | | 6.1 | 7.1 |
| WSW | .7 | 2.0 | 3.8 | 1.0 | .0 | | | | | | | 7.6 | 7.7 |
| W | 2.3 | 7.2 | 7.9 | 1.2 | .1 | | | | | | | 18.8 | 6.8 |
| WNW | 1.6 | 4.5 | 4.2 | .6 | | | | | | | | 10.8 | 6.4 |
| NW | 1.5 | 2.6 | 1.8 | .2 | .0 | | | | | | | 6.2 | 5.7 |
| NNW | .9 | 1.9 | 1.3 | .3 | | | | | | | | 4.4 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 16.3 | 36.3 | 35.5 | 5.6 | .2 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 2984

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 1.2 | .5 | .0 | | | | | | | | 3.3 | 4.1 |
| NNE | 2.5 | 1.5 | .3 | .0 | .0 | | | | | | | 4.5 | 3.6 |
| NE | 2.0 | .7 | .4 | | | | | | | | | 3.1 | 3.5 |
| ENE | .8 | .5 | .0 | | | | | | | | | 1.3 | 3.3 |
| E | .5 | .2 | | | | | | | | | | .7 | 2.9 |
| ESE | .4 | .1 | | | | | | | | | | .5 | 2.6 |
| SE | .4 | .1 | .0 | | | | | | | | | .6 | 2.9 |
| SSE | 1.0 | .1 | .0 | | | | | | | | | 1.1 | 2.6 |
| S | 2.5 | 2.4 | .6 | .0 | | | | | | | | 5.5 | 4.0 |
| SSW | 1.6 | 2.7 | 1.9 | .1 | | | | | | | | 6.2 | 5.4 |
| SW | 2.4 | 3.7 | 2.9 | .2 | .0 | | | | | | | 9.3 | 5.6 |
| WSW | 2.9 | 4.3 | 1.6 | .2 | .0 | | | | | | | 9.0 | 4.9 |
| W | 5.8 | 7.2 | 2.1 | .1 | | | | | | | | 15.1 | 4.4 |
| WNW | 3.6 | 2.3 | .8 | .1 | | | | | | | | 6.8 | 3.9 |
| NW | 1.9 | 1.4 | .3 | .0 | | | | | | | | 3.6 | 3.9 |
| NNW | 1.0 | .8 | .2 | | | | | | | | | 1.9 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.5 | |
| | 30.9 | 29.2 | 11.6 | .8 | .1 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 2986

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.5 |
| NNE | .5 | .3 | .1 | | | | | | | | | .9 | 3.5 |
| NE | .6 | .4 | .2 | | | | | | | | | 1.2 | 3.9 |
| ENE | .3 | .2 | | | | | | | | | | .4 | 3.2 |
| E | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.5 |
| ESE | .5 | .2 | | | | | | | | | | .7 | 2.8 |
| SE | 1.4 | .3 | .1 | | | | | | | | | 1.8 | 3.0 |
| SSE | 2.9 | 1.2 | .4 | .0 | | | | | | | | 4.6 | 3.4 |
| S | 7.2 | 4.1 | 1.4 | .2 | | | | | | | | 12.9 | 3.9 |
| SSW | 2.3 | 3.1 | 2.0 | .2 | | | | | | | | 7.6 | 5.3 |
| SW | 4.2 | 3.6 | 2.4 | .3 | | | | | | | | 10.5 | 4.8 |
| WSW | 2.0 | 1.7 | .4 | | | | | | | | | 4.1 | 3.9 |
| W | 3.2 | 1.6 | .2 | | | | | | | | | 4.9 | 3.3 |
| WNW | .9 | .3 | | | | | | | | | | 1.2 | 2.9 |
| NW | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 3.2 |
| NNW | .3 | .2 | | .0 | | | | | | | | .5 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 45.1 | |
| | 28.5 | 18.3 | 7.3 | .7 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 2970

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .1 | .1 | | | | | | | | | .4 | 3.8 |
| NNE | .2 | .2 | | | | | | | | | | .4 | 3.1 |
| NE | .5 | .2 | | | | | | | | | | .7 | 2.9 |
| ENE | .2 | .2 | | | | | | | | | | .4 | 3.4 |
| E | .8 | .1 | .0 | | | | | | | | | 1.0 | 2.7 |
| ESE | .5 | .2 | .0 | | | | | | | | | .8 | 3.0 |
| SE | 1.0 | .4 | .1 | | | | | | | | | 1.6 | 3.0 |
| SSE | 3.1 | .8 | .5 | .1 | | | | | | | | 4.4 | 3.5 |
| S | 7.9 | 4.0 | 1.3 | .1 | | | | | | | | 13.4 | 3.6 |
| SSW | 2.7 | 3.9 | 2.1 | .2 | | | | | | | | 8.9 | 5.0 |
| SW | 3.9 | 3.4 | 2.0 | .2 | | | | | | | | 9.5 | 4.6 |
| WSW | 1.5 | 1.5 | .7 | | | | | | | | | 3.7 | 4.6 |
| W | 1.8 | 1.5 | .1 | .0 | | | | | | | | 3.4 | 3.6 |
| WNW | .6 | .2 | .0 | | | | | | | | | .8 | 3.2 |
| NW | .5 | .2 | .0 | | | | | | | | | .7 | 3.2 |
| NNW | .3 | .0 | | | | | | | | | | .4 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 49.6 | |
| | 25.9 | 17.0 | 7.0 | .5 | | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS

2969

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .5 | .5 | .1 | | | | | | | | 2.3 | 4.6 |
| NNE | 1.1 | .5 | .3 | | .0 | | .0 | | | | | 2.0 | 4.5 |
| NE | 1.3 | .5 | .2 | .0 | | | | | | | | 2.1 | 3.7 |
| ENE | .4 | .2 | | | | | | | | | | .7 | 3.2 |
| E | .7 | .3 | | | | | | | | | | 1.0 | 2.8 |
| ESE | .6 | .1 | .1 | | | | | | | | | .8 | 3.1 |
| SE | .9 | .5 | .0 | | | | | | | | | 1.5 | 3.2 |
| SSE | 2.1 | 1.1 | .5 | .1 | | | | | | | | 3.8 | 4.0 |
| S | 4.5 | 3.6 | 1.4 | .4 | | | | | | | | 9.9 | 4.4 |
| SSW | 2.4 | 3.7 | 4.0 | .5 | | | | | | | | 10.6 | 5.9 |
| SW | 3.6 | 4.7 | 3.5 | .4 | | | | | | | | 12.2 | 5.3 |
| WSW | 1.9 | 2.1 | 1.1 | .1 | | | | | | | | 5.2 | 4.8 |
| W | 1.9 | 1.2 | .5 | .0 | | | | | | | | 3.7 | 4.0 |
| WNW | .9 | .4 | .0 | .0 | | | | | | | | 1.4 | 3.4 |
| NW | 1.0 | .3 | .0 | | | | | | | | | 1.3 | 3.0 |
| NNW | .3 | .5 | .1 | .0 | .0 | | | | | | | 1.0 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 40.7 | |
| | 25.0 | 20.2 | 12.3 | 1.7 | .1 | | .0 | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 2960

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.4 | 3.9 | .8 | .1 | | | | | | | 10.7 | 6.3 |
| NNE | 1.4 | 2.7 | 3.0 | .4 | | | | | | | | 7.5 | 6.4 |
| NE | 1.0 | 1.4 | 1.7 | .2 | | | | | | | | 4.2 | 6.1 |
| ENE | .5 | .6 | .3 | | | | | | | | | 1.4 | 4.7 |
| E | .5 | .4 | .1 | .0 | | | | | | | | 1.1 | 4.1 |
| ESE | .3 | .2 | | | | | | | | | | .5 | 3.3 |
| SE | .3 | .2 | | | | | | | | | | .5 | 3.4 |
| SSE | .3 | .3 | .2 | .0 | | | | | | | | .9 | 4.8 |
| S | .8 | 1.3 | 1.5 | .6 | | | | | | | | 4.5 | 6.8 |
| SSW | 1.3 | 2.3 | 4.3 | .9 | .1 | | | | | | | 9.1 | 7.2 |
| SW | 2.4 | 3.4 | 3.9 | 1.1 | | | | | | | | 12.8 | 6.9 |
| WSW | 1.6 | 3.0 | 2.8 | .7 | | | | | | | | 8.2 | 6.3 |
| W | 2.8 | 3.8 | 2.1 | .3 | | | | | | | | 8.9 | 5.1 |
| WNW | 1.7 | 1.7 | .7 | .1 | | | | | | | | 4.2 | 4.6 |
| NW | 2.6 | 2.8 | .9 | .1 | | | | | | | | 6.4 | 4.5 |
| NNW | 1.7 | 1.9 | 1.4 | .2 | | | | | | | | 5.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.1 | |
| | 21.8 | 29.7 | 23.8 | 5.5 | .1 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

2959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 4.7 | 6.5 | 1.5 | .1 | | | | | | | 14.4 | 7.3 |
| NNE | 1.1 | 2.6 | 4.9 | 1.0 | | | | | | | | 9.7 | 7.4 |
| NE | .5 | 1.5 | 2.4 | .7 | | | | | | | | 5.2 | 7.6 |
| ENE | .2 | .3 | .7 | .1 | | | | | | | | 1.3 | 7.4 |
| E | .2 | .1 | .1 | | | | | | | | | .4 | 4.7 |
| ESE | .2 | .1 | .0 | | | | | | | | | .3 | 2.2 |
| SE | .4 | .1 | .1 | | | | | | | | | .6 | 4.3 |
| SSE | .1 | .3 | .3 | .1 | | | | | | | | .8 | 6.5 |
| S | .6 | .8 | 1.0 | .5 | | | | | | | | 2.9 | 7.1 |
| SSW | .4 | 1.4 | 2.8 | .8 | .1 | | | | | | | 5.6 | 7.9 |
| SW | 1.2 | 2.2 | 4.5 | 1.7 | .0 | | | | | | | 9.6 | 7.8 |
| WSW | .9 | 2.7 | 4.0 | .9 | .0 | | | | | | | 8.6 | 7.2 |
| W | 1.9 | 3.5 | 4.7 | .9 | .0 | | | | | | | 11.1 | 6.7 |
| WNW | 1.7 | 2.9 | 2.6 | .4 | | | | | | | | 7.6 | 6.0 |
| NW | 1.9 | 3.9 | 3.2 | .3 | | | | | | | | 9.4 | 6.0 |
| NNW | 1.2 | 2.9 | 3.4 | .5 | | | | | | | | 8.0 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.6 | |
| | 14.1 | 29.9 | 41.3 | 9.7 | .3 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.9 | 6.2 | 1.5 | | | | | | | | 12.6 | 7.4 |
| NNE | .8 | 3.6 | 6.7 | 1.1 | .1 | | | | | | | 12.3 | 7.5 |
| NE | .8 | 1.9 | 3.3 | .5 | | | | | | | | 6.5 | 7.1 |
| ENE | .1 | .4 | .5 | .3 | | | | | | | | 1.3 | 7.8 |
| E | .3 | .2 | .0 | .0 | | | | | | | | .5 | 4.5 |
| ESE | .1 | .1 | .0 | | | | | | | | | .2 | 4.0 |
| SE | .4 | .3 | .1 | | | | | | | | | .7 | 4.1 |
| SSE | .3 | .3 | .3 | .1 | | | | | | | | .9 | 5.6 |
| S | .5 | .6 | .9 | .4 | | | | | | | | 2.5 | 7.1 |
| SSW | .4 | 1.1 | 2.1 | .3 | | | | | | | | 3.9 | 7.3 |
| SW | 1.0 | 1.7 | 2.9 | .9 | .0 | | | | | | | 6.5 | 7.5 |
| WSW | .6 | 2.6 | 3.5 | 1.4 | .1 | | | | | | | 8.3 | 7.7 |
| W | 1.6 | 4.5 | 6.3 | 1.8 | .0 | .1 | | | | | | 14.3 | 7.4 |
| WNW | 1.1 | 4.0 | 4.7 | .8 | | | | | | | | 10.6 | 6.8 |
| NW | 1.3 | 3.4 | 3.5 | .6 | | | | | | | | 8.7 | 6.6 |
| NNW | .9 | 2.6 | 2.3 | .5 | .1 | | | | | | | 6.5 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 11.3 | 31.0 | 43.4 | 10.2 | .3 | .1 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

2959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | 1.8 | 3.5 | 2.9 | .4 | .1 | | | | | | | 8.7 | 6.1 |
| NNE | 2.6 | 5.9 | 4.1 | .5 | | | | | | | | 13.2 | 5.7 |
| NE | 2.5 | 3.2 | 1.6 | .2 | | | | | | | | 7.6 | 5.0 |
| ENE | .8 | .5 | .3 | .0 | | | | | | | | 1.6 | 4.3 |
| E | .4 | .3 | .0 | | | | | | | | | .7 | 3.4 |
| ESE | .5 | .1 | .0 | | | | | | | | | .6 | 3.1 |
| SE | .3 | .1 | .0 | .0 | | | | | | | | .4 | 3.8 |
| SSE | .5 | .6 | .2 | .0 | | | | | | | | 1.3 | 4.5 |
| S | 1.0 | 1.0 | 1.0 | .1 | | | | | | | | 3.1 | 5.3 |
| SSW | .8 | 1.3 | 1.4 | .4 | | | | | | | | 3.8 | 6.6 |
| SW | .8 | 2.3 | 2.6 | .5 | | | | | | | | 6.2 | 6.8 |
| WSW | 1.3 | 3.0 | 3.2 | .8 | .0 | | | | | | | 8.4 | 6.7 |
| W | 3.2 | 6.1 | 5.8 | .8 | .0 | | | | | | | 15.9 | 6.2 |
| WNW | 1.8 | 3.3 | 2.6 | .4 | | | | | | | | 8.2 | 5.8 |
| NW | 2.1 | 2.6 | 1.3 | .2 | | | | | | | | 6.2 | 5.1 |
| NNW | 1.0 | 1.4 | .9 | .2 | | | | | | | | 3.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 21.5 | 35.2 | 28.0 | 4.6 | .1 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2975

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | .9 | .2 | | | | | | | | | 2.7 | 3.7 |
| NNE | 1.7 | 1.3 | .2 | | | | | | | | | 3.3 | 4.4 |
| NE | 1.5 | .8 | .2 | | | | | | | | | 2.5 | 3.7 |
| ENE | .6 | .4 | .1 | | | | | | | | | 1.0 | 3.4 |
| E | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.2 |
| ESE | .7 | .1 | .1 | | | | | | | | | .8 | 2.5 |
| SE | .7 | .3 | .1 | | | | | | | | | 1.0 | 3.1 |
| SSE | 2.0 | .9 | .2 | | | | | | | | | 3.1 | 3.3 |
| S | 3.8 | 2.4 | 1.1 | .2 | | | | | | | | 7.3 | 4.1 |
| SSW | 2.2 | 2.6 | 1.6 | .2 | | | | | | | | 6.6 | 5.0 |
| SW | 3.1 | 3.7 | 3.2 | .3 | | | | | | | | 10.3 | 5.3 |
| WSW | 2.4 | 3.4 | 1.7 | .1 | | | | | | | | 7.3 | 4.8 |
| W | 4.1 | 4.7 | 1.8 | .1 | | | | | | | | 10.7 | 4.5 |
| WNW | 1.7 | 1.3 | .4 | | | | | | | | | 3.4 | 4.0 |
| NW | 1.4 | 1.0 | .4 | | | | | | | | | 2.8 | 4.0 |
| NNW | .6 | .4 | .2 | | | | | | | | | 1.2 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.2 | |
| | 28.8 | 24.6 | 11.5 | .8 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS

2970

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEAR

SEP
MONTH

ALL WEATHER
-ALL

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .3 | .1 | | | | | | | | | .8 | .1 |
| NNE | .5 | .3 | .2 | | | | | | | | | 1.1 | 4.2 |
| NE | .7 | .6 | .1 | | | | | | | | | 1.4 | 3.7 |
| ENE | .5 | .3 | .0 | | | | | | | | | .9 | 3.5 |
| E | .9 | .3 | .1 | | | | | | | | | 1.3 | 2.9 |
| ESE | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 2.9 |
| SE | 1.4 | .6 | .3 | | | | | | | | | 2.3 | 3.5 |
| SSE | 3.0 | 1.3 | .6 | .1 | | | | | | | | 4.9 | 3.7 |
| S | 8.3 | 4.4 | 2.3 | .7 | | | | | | | | 13.6 | 4.6 |
| SSW | 2.1 | 2.3 | 2.5 | .6 | | | | | | | | 7.5 | 6.0 |
| SW | 2.5 | 2.2 | 2.3 | .5 | .0 | | | | | | | 7.5 | 5.6 |
| WSW | 1.1 | .7 | .3 | .2 | .0 | | | | | | | 2.5 | 5.2 |
| W | 1.0 | .7 | .2 | .0 | | | | | | | | 2.0 | 4.2 |
| WNW | .5 | .0 | .0 | | | | | | | | | .5 | 2.9 |
| NW | .5 | .1 | | | | | | | | | | .6 | 2.5 |
| NNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 51.5 | |
| | 22.7 | 14.4 | 9.2 | 2.1 | .1 | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS

2874

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NOTE:

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .6 | .2 | .0 | | | | | | | | 1.6 | 4.3 |
| NNE | .7 | .7 | .5 | .1 | | | | | | | | 2.0 | 5.3 |
| NE | 1.7 | .6 | .3 | | | | | | | | | 2.6 | 3.5 |
| ENE | .7 | .5 | .1 | .1 | | | | | | | | 1.4 | 4.1 |
| E | 1.3 | .2 | .1 | | | | | | | | | 1.6 | 2.9 |
| ESE | 1.5 | .3 | | | | | | | | | | 1.8 | 2.4 |
| SE | 1.6 | .6 | .2 | | | | | | | | | 2.4 | 3.3 |
| SSE | 2.1 | 1.6 | .5 | | | | | | | | | 4.2 | 3.8 |
| S | 4.8 | 3.6 | 3.2 | .4 | .1 | | | | | | | 12.1 | 5.1 |
| SSW | 3.0 | 2.7 | 2.7 | .8 | .1 | | | | | | | 9.2 | 5.9 |
| SW | 2.0 | 2.2 | 1.6 | .6 | .1 | | | | | | | 6.5 | 6.1 |
| WSW | .9 | .8 | .5 | .1 | | | | | | | | 2.3 | 5.3 |
| W | .9 | .6 | .3 | | | | | | | | | 1.8 | 4.2 |
| WNW | .4 | .1 | | | | | | | | | | .5 | 2.8 |
| NW | .7 | .2 | .1 | | | | | | | | | .9 | 3.2 |
| NNW | .3 | .2 | .1 | .0 | | | | | | | | .8 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 48.4 | |
| | 23.2 | 15.6 | 10.4 | 2.2 | .2 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.9 | 3.0 | .8 | .1 | | | | | | | 10.0 | 6.0 |
| NNE | 2.3 | 3.2 | 3.2 | .6 | .1 | | | | | | | 9.4 | 6.3 |
| NE | 1.4 | 1.8 | 2.1 | .3 | .1 | .0 | | | | | | 5.6 | 6.2 |
| ENE | .3 | .5 | .3 | .1 | | | | | | | | 1.1 | 3.4 |
| E | .6 | .2 | .3 | | | | | | | | | 1.0 | 4.2 |
| ESE | .1 | .1 | .0 | .0 | | | | | | | | .2 | 5.1 |
| SE | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.6 |
| SSE | .5 | .5 | .9 | .1 | .0 | | | | | | | 2.0 | 6.4 |
| S | 1.9 | 2.3 | 2.9 | .9 | | | | | | | | 8.0 | 6.5 |
| SSW | 1.1 | 2.3 | 4.2 | 1.1 | .2 | | | | | | | 8.9 | 7.6 |
| SW | 2.0 | 3.3 | 3.7 | 1.4 | .1 | | | | | | | 10.4 | 6.9 |
| WSW | 1.5 | 1.7 | 2.2 | .5 | .1 | | | | | | | 6.0 | 6.5 |
| W | 2.2 | 2.1 | 1.0 | .2 | .1 | | | | | | | 5.5 | 4.9 |
| WNW | 1.5 | .5 | .4 | | | | | | | | | 2.4 | 3.6 |
| NW | 2.0 | 1.1 | .5 | | | | | | | | | 3.6 | 3.9 |
| NNW | 1.5 | 1.1 | .7 | .3 | | | | | | | | 3.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.8 | |
| | 21.5 | 25.0 | 25.7 | 6.2 | .8 | .0 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

2873

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 4.8 | 6.0 | 2.2 | .1 | | | | | | | 14.9 | 7.3 |
| NNE | 1.2 | 4.0 | 6.2 | 1.4 | .1 | | | | | | | 12.9 | 7.4 |
| NE | 1.3 | 2.3 | 2.4 | .5 | .1 | | | | | | | 6.7 | 6.7 |
| ENE | .2 | .3 | .2 | .1 | | | | | | | | .9 | 6.1 |
| E | .3 | .2 | .1 | .0 | | | | | | | | .6 | 4.4 |
| ESE | .1 | .1 | .0 | | | | | | | | | .3 | 4.3 |
| SE | .4 | .4 | .2 | | | | | | | | | .9 | 4.2 |
| SSE | .2 | .5 | .5 | .1 | .0 | | | | | | | 1.4 | 6.9 |
| S | .9 | 1.2 | 1.9 | 1.0 | .1 | | | | | | | 5.0 | 7.6 |
| SSW | .8 | 1.2 | 3.7 | 1.5 | .2 | .0 | | | | | | 7.4 | 8.7 |
| SW | 1.3 | 2.2 | 4.0 | 1.6 | .3 | | | | | | | 9.4 | 8.1 |
| WSW | 1.1 | 2.2 | 3.0 | 1.5 | .1 | | | | | | | 7.8 | 7.7 |
| W | 1.6 | 2.5 | 2.6 | .8 | .1 | .0 | | | | | | 7.6 | 6.8 |
| WNW | 1.1 | 1.8 | 1.2 | .3 | | | | | | | | 4.4 | 5.8 |
| NW | 2.3 | 2.7 | 2.1 | .1 | | | | | | | | 7.2 | 5.1 |
| NNW | 1.1 | 2.1 | 2.2 | .6 | .0 | | | | | | | 6.0 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 15.8 | 28.5 | 36.2 | 11.6 | 1.2 | .1 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 4.6 | 4.6 | 1.5 | .1 | | | | | | | 12.7 | 6.9 |
| NNE | 1.8 | 5.0 | 7.3 | 1.9 | .1 | | | | | | | 16.2 | 7.3 |
| NE | 1.8 | 2.8 | 3.5 | .7 | .1 | | | | | | | 9.0 | 6.7 |
| ENE | .2 | .8 | .4 | .1 | .0 | | | | | | | 1.8 | 5.9 |
| E | .4 | .3 | .1 | .0 | | | | | | | | .8 | 4.4 |
| ESE | .1 | .2 | .1 | | | | | | | | | .4 | 5.4 |
| SE | .2 | .2 | .2 | | | | | | | | | .6 | 5.1 |
| SSE | .2 | .5 | .3 | .0 | | | | | | | | 1.1 | 5.8 |
| S | .3 | 1.2 | 1.4 | .5 | | | | | | | | 3.3 | 7.3 |
| SSW | .7 | 1.5 | 3.0 | 1.4 | .3 | | | | | | | 6.9 | 8.5 |
| SW | .8 | 1.5 | 3.4 | 2.0 | .2 | | | | | | | 7.8 | 8.7 |
| WSW | .8 | 1.5 | 3.1 | 1.4 | .1 | | | | | | | 7.0 | 8.2 |
| W | 1.4 | 2.9 | 3.7 | 1.1 | .3 | | | | | | | 9.5 | 7.4 |
| WNW | 1.1 | 1.8 | 1.5 | .3 | | | | | | | | 4.8 | 5.9 |
| NW | 1.9 | 2.4 | 2.5 | .2 | | | | | | | | 7.0 | 5.6 |
| NNW | 1.1 | 1.8 | 1.5 | .6 | .0 | | | | | | | 5.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 15.0 | 29.1 | 36.5 | 11.8 | 1.4 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2870

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.1 | 1.6 | .6 | | | | | | | | 6.6 | 5.6 |
| NNE | 3.3 | 4.4 | 1.9 | .3 | .0 | | | | | | | 10.0 | 5.0 |
| NE | 4.5 | 2.5 | 1.1 | .1 | | | | | | | | 8.2 | 4.1 |
| ENE | 1.1 | .8 | .2 | .0 | | | | | | | | 2.2 | 3.8 |
| E | 1.5 | .8 | .1 | | | | | | | | | 2.4 | 3.1 |
| ESE | .7 | .2 | .2 | | | | | | | | | 1.1 | 3.6 |
| SE | .9 | .4 | .2 | .0 | | | | | | | | 1.9 | 4.1 |
| SSE | .7 | .4 | .8 | | | | | | | | | 1.9 | 5.4 |
| S | 2.1 | 1.9 | 1.9 | .3 | | .0 | | | | | | 6.4 | 6.0 |
| SSW | 1.0 | 2.2 | 2.2 | .6 | .0 | .0 | | | | | | 6.1 | 6.8 |
| SW | 1.2 | 1.9 | 3.3 | 1.0 | .1 | | | | | | | 7.5 | 7.4 |
| WSW | .9 | 1.5 | 1.8 | .9 | .0 | | | | | | | 5.1 | 7.1 |
| W | 2.2 | 2.2 | 1.9 | .3 | | | | | | | | 6.6 | 5.5 |
| WNW | 1.2 | 1.3 | .7 | | | | | | | | | 3.1 | 4.6 |
| NW | 1.1 | .9 | .2 | .0 | | | | | | | | 2.3 | 4.2 |
| NNW | .7 | 1.0 | .5 | | | | | | | | | 2.3 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.7 | |
| | 25.5 | 24.5 | 18.7 | 4.3 | .2 | .1 | | | | | .8 | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

2874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .3 | .1 | .1 | | | | | | | | 1.3 | 3.8 |
| NNE | 1.2 | .6 | .3 | | | | | | | | | 2.2 | 3.8 |
| NE | 2.1 | .6 | .4 | | | | | | | | | 3.1 | 3.6 |
| ENE | .9 | .2 | .2 | .0 | | | | | | | | 1.3 | 3.6 |
| E | 1.3 | .6 | .1 | | | | | | | | | 1.9 | 3.1 |
| ESE | .9 | .1 | | | | | | | | | | 1.0 | 2.3 |
| SE | 1.5 | .6 | .2 | | | | | | | | | 2.3 | 3.2 |
| SSE | 2.7 | 1.5 | .7 | .1 | .0 | | | | | | | 5.0 | 4.1 |
| S | 5.2 | 4.2 | 2.3 | .2 | .0 | | | | | | | 11.9 | 4.5 |
| SSW | 2.0 | 2.5 | 3.1 | .6 | .1 | | | | | | | 8.3 | 6.3 |
| SW | 2.4 | 2.1 | .1 | .5 | .0 | | | | | | | 7.1 | 5.8 |
| WSW | 1.1 | .8 | .6 | .1 | | .0 | | | | | | 2.6 | 5.3 |
| W | 1.9 | 1.4 | .6 | .1 | | | | | | | | 3.9 | 4.3 |
| WNW | .6 | .2 | .1 | | | | | | | | | .9 | 3.4 |
| NW | .5 | .2 | .1 | | | | | | | | | .8 | 3.9 |
| NNW | .2 | .2 | .0 | | | | | | | | | .4 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 46.0 | |
| | 25.1 | 16.2 | 10.8 | 1.7 | .2 | .0 | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 2871

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .2 | .1 | | | | | | | | | .8 | 3.3 |
| NNE | .8 | .5 | .4 | .1 | | | | | | | | 1.8 | 4.7 |
| NE | .7 | .3 | .3 | .1 | .0 | | | | | | | 1.5 | 5.0 |
| ENE | .7 | .4 | | | | | | | | | | 1.1 | 3.5 |
| E | 1.4 | .4 | .2 | | | | | | | | | 2.0 | 3.2 |
| ESE | 1.4 | .3 | .1 | | | | | | | | | 1.8 | 2.8 |
| SE | 2.1 | .8 | .7 | .0 | | | | | | | | 3.7 | 4.0 |
| SSE | 3.2 | 1.7 | 1.2 | .2 | | | | | | | | 6.4 | 4.5 |
| S | 5.6 | 4.5 | 3.0 | .9 | .2 | | | | | | | 14.2 | 5.4 |
| SSW | 2.3 | 2.5 | 3.1 | 1.1 | .2 | .0 | | | | | | 9.3 | 7.0 |
| SW | 2.0 | 1.5 | 2.1 | .7 | .1 | .0 | | | | | | 6.4 | 6.6 |
| WSW | .9 | .5 | .4 | .2 | | | | | | | | 2.0 | 5.3 |
| W | .5 | .3 | .1 | | | | | | | | | .9 | 4.0 |
| WNW | .2 | .1 | .0 | | | | | | | | | .4 | 3.5 |
| NW | .3 | .1 | .0 | .0 | | | | | | | | .5 | 3.9 |
| NNW | .0 | | .1 | .0 | | | | | | | | .2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 47.1 | |
| | 22.7 | 14.1 | 12.0 | 3.4 | .6 | .1 | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS

2962

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .2 | | .0 | | | | | | | | .9 | 3.2 |
| NNE | .8 | .6 | .4 | .0 | | | | | | | | 1.8 | 4.5 |
| NE | 1.1 | .7 | .5 | .1 | .0 | | | | | | | 2.4 | 4.8 |
| ENE | .8 | .4 | .2 | | | | | | | | | 1.3 | 3.8 |
| E | 1.2 | .5 | .2 | | | | | | | | | 2.0 | 3.6 |
| ESE | 1.0 | .6 | .2 | .1 | | | | | | | | 2.0 | 3.8 |
| SE | 2.2 | .8 | .8 | .1 | | | | | | | | 3.0 | 4.4 |
| SSE | 2.8 | 1.4 | 1.1 | .2 | | | | | | | | 5.6 | 4.5 |
| S | 5.5 | 4.7 | 3.5 | 1.2 | .2 | | | | | | | 15.2 | 5.9 |
| SSW | 2.9 | 1.9 | 3.1 | .5 | .0 | .0 | | | | | | 8.9 | 7.0 |
| SW | 1.3 | 1.0 | 1.5 | .7 | .1 | .1 | | | | | | 4.7 | 7.2 |
| WSW | .3 | .2 | .5 | .3 | | | | | | | | 1.6 | 6.7 |
| W | .4 | .3 | .2 | | | | | | | | | .9 | 4.5 |
| WNW | .2 | | .1 | .0 | | .0 | | | | | | .4 | 6.8 |
| NW | .4 | .0 | | | | | | | | | | .4 | 2.3 |
| NNW | .2 | .1 | .0 | .0 | | | | | | | | .4 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 47.0 | |
| | 22.3 | 13.5 | 12.2 | 4.4 | .4 | .1 | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .2 | .2 | .1 | | | | | | | | 1.1 | 4.1 |
| NNE | .7 | .3 | .4 | | .0 | | | | | | | 1.3 | 4.9 |
| NE | 1.4 | .6 | .2 | .0 | .0 | .0 | | | | | | 2.4 | 4.2 |
| ENE | 1.1 | .4 | .1 | | | | | | | | | 1.6 | 3.3 |
| E | 1.4 | .7 | .1 | | | | | | | | | 2.3 | 3.3 |
| ESE | 1.1 | .3 | .3 | .0 | | | | | | | | 1.7 | 3.6 |
| SE | 1.7 | .9 | .6 | .2 | .1 | | | | | | | 3.5 | 4.9 |
| SSE | 2.7 | 2.1 | 1.5 | .2 | | | | | | | | 6.4 | 4.8 |
| S | 3.2 | 4.1 | 3.9 | 1.1 | .1 | .1 | | | | | | 14.6 | 5.7 |
| SSW | 2.4 | 2.1 | 2.0 | 1.4 | .2 | | | | | | | 9.1 | 7.0 |
| SW | 1.5 | .8 | 2.0 | 1.0 | .2 | .0 | | | | | | 5.7 | 7.7 |
| WSW | .5 | .3 | .3 | .2 | .1 | .0 | | | | | | 1.4 | 6.9 |
| W | .6 | .1 | .1 | .0 | .0 | | | | | | | .8 | 3.9 |
| WNW | .4 | .2 | | | .0 | | | | | | | .6 | 3.9 |
| NW | .3 | .1 | | .0 | | | | | | | | .4 | 3.8 |
| NNW | .3 | .1 | .0 | | | | | | | | | .4 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 46.6 | |
| | 22.0 | 13.3 | 12.7 | 4.3 | .8 | .2 | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 2968

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | .8 | 1.0 | .3 | | | | | | | | 4.0 | 5.0 |
| NNE | 2.1 | 2.0 | 1.6 | .1 | .1 | .0 | | | | | | 6.0 | 5.5 |
| NE | 1.8 | 1.9 | 1.1 | .3 | .1 | | | | | | | 5.2 | 5.4 |
| ENE | .7 | .8 | .4 | | .0 | | | | | | | 1.9 | 4.8 |
| E | 1.1 | .5 | .0 | .0 | | | | | | | | 1.8 | 3.9 |
| ESE | .6 | .1 | .3 | .1 | | | | | | | | 1.0 | 4.6 |
| SE | 1.0 | .6 | .5 | .2 | | | | | | | | 2.3 | 5.1 |
| SSE | 1.4 | .8 | 1.2 | .1 | .0 | | | | | | | 3.6 | 5.6 |
| S | 2.1 | 3.1 | 4.2 | 2.1 | .2 | .1 | | | | | | 11.8 | 7.7 |
| SSW | 1.2 | 2.6 | 4.0 | 2.5 | .4 | .0 | | | | | | 10.8 | 8.5 |
| SW | 2.0 | 2.1 | 3.7 | 2.1 | .4 | .1 | .0 | | | | | 10.4 | 8.3 |
| WSW | 1.3 | 1.1 | 1.3 | .8 | .0 | .1 | | | | | | 4.7 | 7.0 |
| W | 2.0 | 1.0 | .4 | .2 | | | | | | | | 3.6 | 4.3 |
| WNW | .8 | .3 | .2 | | | | | | | | | 1.3 | 3.9 |
| NW | 1.3 | .4 | .1 | .0 | | | | | | | | 1.9 | 3.4 |
| NNW | 1.1 | .7 | .4 | .0 | | | | | | | | 2.3 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.4 | |
| | 22.5 | 18.8 | 20.6 | 9.0 | 1.3 | .4 | .0 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

2970

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 40-71 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.5 | 2.8 | .3 | | | | | | | | 9.1 | 5.6 |
| NNE | 2.0 | 2.8 | 3.7 | .4 | .2 | | | | | | | 9.0 | 6.5 |
| NE | 1.8 | 1.7 | 1.6 | .1 | | | | | | | | 5.2 | 5.2 |
| ENE | .6 | .6 | .4 | .0 | .0 | | | | | | | 1.7 | 5.1 |
| E | .7 | .4 | .1 | | | | | | | | | 1.2 | 3.8 |
| ESE | .3 | .2 | .1 | .0 | | | | | | | | .8 | 4.2 |
| SE | .6 | .2 | .2 | .2 | | | | | | | | 1.2 | 5.3 |
| SSE | .6 | .7 | .4 | .3 | .0 | | | | | | | 2.0 | 6.5 |
| S | .6 | 1.8 | 3.4 | 2.1 | .3 | .1 | | | | | | 8.3 | 9.0 |
| SSW | 1.0 | 2.1 | 4.4 | 2.7 | .3 | .1 | | | | | | 10.6 | 9.0 |
| SW | 1.5 | 2.7 | 4.0 | 2.8 | .7 | .2 | | | | | | 11.9 | 9.1 |
| WSW | 1.1 | 1.5 | 2.3 | 1.2 | .3 | .1 | | | | | | 6.5 | 8.3 |
| W | 1.7 | 1.9 | 1.8 | .7 | .3 | .0 | .0 | | | | | 6.4 | 7.1 |
| WNW | 1.1 | 1.3 | .7 | .1 | | | | | | | | 3.2 | 4.9 |
| NW | 1.7 | 1.7 | 1.1 | .2 | .0 | | | | | | | 4.7 | 5.2 |
| NNW | 1.6 | 2.1 | .4 | .1 | | | | | | | | 4.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 19.4 | 25.1 | 27.4 | 11.3 | 2.3 | .6 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2968

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.5 | 2.6 | .5 | | | | | | | | 9.0 | 5.8 |
| NNE | 2.2 | 4.3 | 2.8 | .3 | .1 | | | | | | | 9.8 | 5.9 |
| NE | 2.4 | 2.8 | 1.6 | .3 | .1 | | | | | | | 7.1 | 5.2 |
| ENE | .6 | .8 | .2 | .0 | | | | | | | | 1.7 | 4.7 |
| E | .8 | .4 | .1 | | | | | | | | | 1.4 | 3.8 |
| ESE | .5 | .5 | .2 | .1 | | | | | | | | 1.2 | 4.7 |
| SE | .9 | .6 | .5 | .1 | | | | | | | | 2.2 | 5.1 |
| SSE | .6 | .8 | 1.2 | .2 | | | | | | | | 2.9 | 6.5 |
| S | 1.8 | 2.9 | 3.1 | 1.1 | .1 | | | | | | | 9.0 | 6.8 |
| SSW | 1.1 | 2.2 | 4.2 | 1.9 | .2 | .1 | .0 | | | | | 9.8 | 8.4 |
| SW | 1.4 | 2.3 | 4.3 | 1.5 | .5 | | | | | | | 10.0 | 8.1 |
| WSW | .7 | 1.5 | 2.4 | 1.1 | .1 | .0 | | | | | | 5.9 | 8.1 |
| W | 1.6 | 1.7 | 1.3 | .4 | .1 | .0 | | | | | | 5.1 | 6.2 |
| WNW | 1.3 | 1.3 | .2 | .3 | | | | | | | | 3.1 | 4.8 |
| NW | 1.6 | 1.3 | .6 | .1 | | | | | | | | 3.6 | 4.4 |
| NNW | 1.2 | 1.1 | .7 | .1 | | | | | | | | 3.2 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 21.0 | 28.1 | 26.1 | 8.4 | 1.2 | .2 | .0 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 2969

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | .7 | .4 | .1 | | .0 | | | | | | 3.0 | 4.2 |
| NNE | 1.9 | 1.5 | .8 | .2 | | | | | | | | 4.4 | 4.6 |
| NE | 2.5 | 1.0 | .7 | .0 | | | | | | | | 4.3 | 4.0 |
| ENE | .9 | .4 | .3 | .1 | | | | | | | | 1.7 | 4.4 |
| E | 1.4 | .9 | | | | | | | | | | 2.3 | 3.0 |
| ESE | 1.3 | .4 | .0 | | | | | | | | | 1.7 | 3.0 |
| SE | 1.7 | 1.0 | .7 | .1 | | | | | | | | 3.3 | 4.5 |
| SSE | 2.6 | 2.0 | 1.3 | .3 | .0 | | | | | | | 6.2 | 4.9 |
| S | 4.0 | 4.2 | 3.4 | .6 | .1 | .0 | .0 | | | | | 12.4 | 5.6 |
| SSW | 2.0 | 2.9 | 3.6 | 1.2 | .2 | | | | | | | 9.9 | 7.0 |
| SW | 1.6 | 1.8 | 2.7 | 1.2 | .1 | | | | | | | 7.5 | 7.3 |
| WSW | .8 | .8 | .7 | .2 | .1 | | | | | | | 2.7 | 6.2 |
| W | .8 | .9 | .6 | .1 | .0 | | | | | | | 2.4 | 5.6 |
| WNW | .3 | .2 | .1 | | | | | | | | | .6 | 3.7 |
| NW | .5 | .3 | .1 | .0 | | | | | | | | .9 | 3.7 |
| NNW | .4 | .3 | .2 | .1 | | | | | | | | 1.0 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.6 | |
| | 24.4 | 19.4 | 15.7 | 4.2 | .6 | .1 | .0 | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 2962

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

GCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .4 | .2 | .0 | | | | | | | | 1.5 | 3.7 |
| NNE | .7 | .6 | .4 | .1 | | | | | | | | 1.8 | 5.0 |
| NE | .8 | .4 | .3 | .1 | .0 | | | | | | | 1.7 | 4.5 |
| ENE | .7 | .5 | .1 | .0 | | | | | | | | 1.2 | 3.8 |
| E | 1.4 | .4 | .0 | | | | | | | | | 1.9 | 3.0 |
| ESE | 1.2 | .4 | .1 | | | | | | | | | 1.7 | 3.2 |
| SE | 1.5 | .7 | .8 | | | | | | | | | 3.1 | 4.4 |
| SSE | 2.8 | 1.9 | 1.2 | .2 | .0 | | | | | | | 6.0 | 4.8 |
| S | 6.0 | 5.5 | 3.6 | 1.0 | .1 | .0 | .0 | | | | | 16.2 | 5.3 |
| SSW | 2.4 | 2.4 | 3.4 | 1.2 | .1 | .0 | .0 | | | | | 9.6 | 6.9 |
| SW | 1.8 | 1.2 | 2.0 | .9 | .1 | .0 | | | | | | 6.0 | 7.0 |
| WSW | .8 | .4 | .7 | .0 | .0 | .0 | | | | | | 2.0 | 6.0 |
| W | .7 | .5 | .2 | | | | | | | | | 1.4 | 3.9 |
| WNW | .3 | .1 | .0 | | | | | | | | | .4 | 3.5 |
| NW | .4 | .0 | | | | | | | | | | .5 | 2.2 |
| NNW | .3 | .1 | .2 | .0 | | | | | | | | .6 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 44.5 | |
| | 22.7 | 15.5 | 13.2 | 3.5 | .4 | .1 | .1 | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS

2969

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .3 | .2 | .1 | .0 | | | | | | | 1.6 | 4.8 |
| NNE | .9 | .5 | .4 | .1 | | | | | | | | 2.0 | 4.7 |
| NE | 1.3 | .9 | .5 | .1 | .1 | | | | | | | 2.8 | 5.0 |
| ENE | .5 | .6 | .1 | | | | | | | | | 1.2 | 3.9 |
| E | 1.4 | .3 | .1 | | | | | | | | | 1.8 | 2.9 |
| ESE | 1.4 | .7 | .2 | .0 | | | | | | | | 2.3 | 3.6 |
| SE | 1.9 | 1.0 | .8 | .1 | .0 | | | | | | | 3.9 | 4.6 |
| SSE | 2.2 | 1.8 | 1.6 | .3 | .1 | | | | | | | 6.1 | 5.6 |
| S | 5.0 | 4.5 | 5.2 | 1.5 | .2 | .0 | | | | | | 16.4 | 6.1 |
| SSW | 2.0 | 2.1 | 3.8 | 2.5 | .2 | .0 | | | | | | 10.6 | 8.1 |
| SW | 2.1 | 1.3 | 2.2 | 1.3 | .2 | .1 | .0 | | | | | 7.2 | 7.5 |
| WSW | .4 | .3 | .5 | .5 | .2 | .0 | | | | | | 1.9 | 9.1 |
| W | .5 | .2 | .0 | .0 | .0 | | | | | | | .8 | 4.3 |
| WNW | .3 | | .0 | .0 | | | | | | | | .3 | 3.8 |
| NW | .4 | .3 | .1 | | | | | | | | | .8 | 4.0 |
| NNW | .1 | .2 | | | | | | | | | | .3 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.9 | |
| | 21.3 | 15.0 | 15.8 | 6.6 | 1.1 | .2 | .0 | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2867

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .3 | .2 | .0 | .0 | | | | | | | 1.4 | 4.3 |
| NNE | 1.0 | .8 | .4 | .1 | .0 | .0 | .0 | | | | | 2.5 | 5.6 |
| NE | 1.5 | .6 | .4 | .1 | .1 | | | | | | | 2.7 | 4.6 |
| ENE | .8 | .3 | .1 | .1 | | | | | | | | 1.3 | 4.0 |
| E | 1.2 | .5 | .2 | | | | | | | | | 1.8 | 3.4 |
| ESE | 1.3 | .8 | .3 | .1 | | | | | | | | 2.5 | 3.9 |
| SE | 1.6 | .9 | 1.0 | .3 | | | | | | | | 3.9 | 5.3 |
| SSE | 2.8 | 1.4 | 1.8 | .5 | .1 | | | | | | | 6.5 | 5.5 |
| S | 5.3 | 4.5 | 5.2 | 2.1 | .1 | | | | | | | 17.2 | 6.3 |
| SSW | 2.3 | 1.5 | 4.0 | 1.7 | .2 | | | | | | | 9.7 | 7.6 |
| SW | 1.6 | 1.1 | 2.4 | 1.0 | .3 | .1 | | | | | | 6.5 | 7.8 |
| WSW | .6 | .2 | .4 | .5 | .1 | .0 | | | | | | 1.8 | 8.4 |
| W | .3 | .1 | .1 | .1 | .1 | | .1 | .0 | | | | .8 | 10.9 |
| WNW | .2 | .1 | .0 | .0 | | | | | | | | .4 | 4.3 |
| NW | .3 | .2 | .0 | | | | | | | | | .6 | 3.5 |
| NNW | .4 | .1 | .0 | | | | | | | | | .6 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.9 | |
| | 22.1 | 13.4 | 16.5 | 6.6 | 1.1 | .1 | .1 | .0 | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

2872

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207
STATION

MCCHIRD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .3 | .2 | .1 | | | | | | | | 1.4 | 4.1 |
| NNE | .8 | .7 | .3 | .1 | .0 | .1 | | | | | | 2.1 | 5.9 |
| NE | 1.2 | .8 | .4 | .1 | | | | | | | | 2.5 | 4.4 |
| ENE | .8 | .7 | .2 | .0 | | | | | | | | 1.8 | 4.1 |
| E | 1.3 | .5 | .1 | .0 | | | | | | | | 1.9 | 3.4 |
| ESE | 1.5 | .7 | .5 | .0 | | | | | | | | 2.7 | 3.9 |
| SE | 1.9 | 1.1 | .8 | .3 | .1 | | | | | | | 4.2 | 5.0 |
| SSE | 2.5 | 1.7 | 1.6 | .5 | .0 | | | | | | | 6.4 | 5.6 |
| S | 5.0 | 4.4 | 5.2 | 1.8 | .4 | .1 | | | | | | 17.0 | 6.5 |
| SSW | 2.1 | 1.6 | 4.1 | 1.4 | .1 | .0 | | | | | | 9.4 | 7.5 |
| SW | 1.5 | 1.0 | 1.8 | .8 | .1 | .1 | | | | | | 5.4 | 7.5 |
| WSW | .6 | .5 | .6 | .3 | .1 | .1 | | | | | | 2.2 | 7.8 |
| W | .5 | .2 | .3 | .1 | .0 | | | .0 | | | | 1.1 | 6.5 |
| WNW | .3 | .1 | | | .0 | | | | | | | .3 | 4.0 |
| NW | .3 | .2 | .0 | | | | | | | | | .6 | 3.4 |
| NNW | .2 | .2 | .0 | | | | | | | | | .4 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 40.7 | |
| | 21.4 | 14.6 | 16.2 | 5.6 | .9 | .5 | | .0 | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS

2874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .7 | .3 | .1 | .0 | | | | | | | 2.4 | 4.4 |
| NNE | 1.3 | 1.2 | 1.1 | .3 | | | | | | | | 4.0 | 5.6 |
| NE | 1.5 | 1.1 | 1.1 | .1 | .0 | | | | | | | 3.9 | 5.3 |
| ENE | .8 | .6 | .2 | .0 | | | | | | | | 1.6 | 4.2 |
| E | 1.3 | .6 | .3 | .1 | | | | | | | | 2.3 | 4.0 |
| ESE | .9 | .3 | .3 | .1 | | | | | | | | 1.6 | 4.8 |
| SE | 1.8 | .6 | .9 | .4 | .0 | | | | | | | 3.8 | 5.6 |
| SSE | 1.6 | 1.3 | 1.1 | .7 | .1 | .0 | | | | | | 4.8 | 6.7 |
| S | 3.0 | 3.5 | 5.6 | 1.9 | .2 | .2 | .0 | | | | | 14.4 | 7.3 |
| SSW | 1.3 | 2.0 | 4.4 | 2.3 | .5 | .0 | .0 | | | | | 10.6 | 8.9 |
| SW | 1.5 | 1.4 | 2.4 | 2.1 | .3 | .1 | .1 | | | | | 7.8 | 8.7 |
| WSW | 1.1 | .8 | .9 | .4 | .3 | .0 | | | | | | 3.6 | 7.7 |
| W | 1.0 | .6 | .8 | .2 | .0 | | | | | | | 2.6 | 5.7 |
| WNW | .7 | .2 | .1 | .1 | | | | | | | | 1.0 | 3.6 |
| NW | .6 | .2 | .1 | | | | | | | | | .9 | 3.7 |
| NNW | .6 | .3 | .1 | .0 | | | | | | | | .9 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.7 | |
| | 20.2 | 15.3 | 19.9 | 8.9 | 1.6 | .3 | .1 | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

2870

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 1.6 | 1.5 | .1 | .0 | | | | | | | 5.7 | 5.1 |
| NNE | 1.7 | 2.6 | 2.3 | 1.0 | | | | | | | | 7.8 | 6.4 |
| NE | 1.4 | 1.5 | 1.2 | .3 | .0 | | | | | | | 4.5 | 5.7 |
| ENE | .5 | .7 | .2 | .0 | .0 | | | | | | | 1.5 | 5.2 |
| E | .8 | .5 | .2 | .1 | | | | | | | | 1.5 | 4.4 |
| ESE | .5 | .2 | .4 | .1 | | | | | | | | 1.1 | 5.3 |
| SE | 1.2 | .5 | .6 | .4 | .1 | | | | | | | 2.8 | 6.2 |
| SSE | .6 | .8 | 1.4 | .7 | .2 | | | | | | | 3.7 | 8.1 |
| S | 1.5 | 2.2 | 3.8 | 3.0 | .3 | .1 | | | | | | 10.8 | 8.7 |
| SSW | 1.1 | 2.1 | 5.5 | 3.4 | .5 | .2 | | | | | | 12.8 | 9.5 |
| SW | 1.6 | 1.6 | 3.9 | 2.7 | .3 | .1 | .1 | | | | | 10.3 | 8.9 |
| WSW | 1.0 | 1.6 | 1.5 | 1.1 | .6 | .1 | | | | | | 5.8 | 8.8 |
| W | 1.7 | .9 | .7 | .3 | .3 | .0 | | | | | | 3.9 | 6.5 |
| WNW | 1.2 | .5 | .2 | .1 | | | | | | | | 2.0 | 4.1 |
| NW | 1.1 | .5 | .3 | | | | | | | | | 2.0 | 4.0 |
| NNW | .9 | .8 | .4 | | | | | | | | | 2.1 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.6 | |
| | 19.2 | 18.7 | 24.2 | 13.4 | 2.4 | .5 | .1 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

2871

DATA PROCESSING BRANCH
EJAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TACOMA 40-71 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.9 | 1.5 | 1.5 | .3 | | | | | | | | 5.2 | 5.4 |
| NNE | 2.2 | 2.6 | 2.0 | .5 | | | | | | | | 7.3 | 5.5 |
| NE | 1.7 | 1.6 | .9 | .1 | .1 | .0 | | | | | | 4.5 | 3.1 |
| ENE | 1.0 | .5 | .2 | .0 | | | | | | | | 1.8 | 3.9 |
| E | 1.0 | .5 | .3 | .1 | | | | | | | | 2.5 | 3.8 |
| ESE | 1.1 | .8 | .3 | .1 | | | | | | | | 2.3 | 4.2 |
| SE | 1.2 | .6 | 1.0 | .2 | | | | | | | | 3.0 | 6.0 |
| SSE | 1.5 | 1.6 | 1.6 | .7 | .1 | | | | | | | 5.6 | 6.7 |
| S | 1.8 | 4.0 | 3.4 | 1.6 | .3 | .0 | | | | | | 13.2 | 7.4 |
| SSW | 1.4 | 2.0 | 4.8 | 2.1 | .6 | .1 | | | | | | 10.9 | 8.9 |
| SW | 1.5 | 1.1 | 2.7 | 1.9 | .3 | .0 | | | | | | 7.5 | 8.6 |
| WSW | .8 | .8 | 1.1 | .8 | .2 | | | | | | | 3.7 | 8.1 |
| W | .8 | .9 | .5 | .3 | .1 | | | | | | | 2.7 | 6.4 |
| WNW | .6 | .3 | .1 | .0 | | | | | | | | 1.3 | 4.1 |
| NW | 1.2 | .4 | .2 | .0 | | | | | | | | 1.9 | 3.8 |
| NNW | .9 | .4 | .4 | .1 | | | | | | | | 1.8 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.7 | |
| | 21.2 | 19.9 | 23.3 | 9.0 | 1.6 | .2 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 2869

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24207 MCCHUGD AFB WASHINGTON/TACOMA YEARS 40-71 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | .7 | .4 | | | | | | | | | 2.0 | 4.1 |
| NNE | 1.4 | .8 | .9 | .1 | .0 | | | | | | | 3.2 | 5.1 |
| NE | 1.5 | 1.4 | .6 | .1 | .1 | .0 | | | | | | 3.7 | 5.1 |
| ENE | 1.2 | .4 | .1 | | | | | | | | | 1.7 | 3.3 |
| E | 1.7 | .8 | .2 | | | | .0 | | | | | 2.8 | 3.8 |
| ESE | 1.2 | .9 | .2 | | | .0 | | | | | | 2.3 | 4.2 |
| SE | 2.1 | .9 | .7 | .3 | .1 | | | | | | | 4.1 | 5.0 |
| SSE | 3.0 | 2.0 | 2.3 | .6 | .1 | | | | | | | 8.1 | 5.7 |
| S | 4.0 | 5.5 | 4.9 | 1.6 | .2 | .0 | | | | | | 16.3 | 6.4 |
| SSW | 1.6 | 1.7 | 3.6 | 1.8 | .3 | .1 | .0 | | | | | 9.1 | 8.2 |
| SW | 1.0 | 1.1 | 2.2 | 1.3 | .4 | .1 | | | | | | 6.1 | 8.7 |
| WSW | .8 | .2 | .5 | .5 | .1 | | | | | | | 2.1 | 7.7 |
| W | .7 | .5 | .1 | .2 | .0 | | | | | | | 1.5 | 5.4 |
| WNW | .3 | .2 | .1 | | | | | | | | | .6 | 3.6 |
| NW | .2 | .1 | | | | | | | | | | .3 | 2.3 |
| NNW | .3 | .2 | .0 | | | | | | | | | .6 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.5 | |
| | 22.1 | 17.3 | 16.9 | 6.5 | 1.4 | .3 | .1 | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2868

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

24207
STATIONMCCHURD AFB WASHINGTON/TACDMA
STATION NAME40-71
YEARSNOV
MONTHALL WEATHER
CLASS2100-2300
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .3 | .0 | | | | | | | | | .9 | 3.5 |
| NNE | .8 | .6 | .8 | .1 | | .0 | | | | | | 2.4 | 6.0 |
| NE | 1.0 | .7 | .5 | .2 | .1 | | .0 | | | | | 2.4 | 5.8 |
| ENE | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.3 |
| E | 1.3 | .6 | .1 | | | | | | | | | 2.1 | 3.3 |
| ESE | 1.0 | .7 | .2 | .1 | | | | | | | | 2.0 | 4.2 |
| SE | 1.9 | 1.3 | .6 | .2 | .0 | .0 | | | | | | 4.1 | 4.9 |
| SSE | 3.1 | 2.2 | 2.1 | .9 | .1 | .1 | | | | | | 8.3 | 6.0 |
| S | 4.9 | 5.1 | 4.8 | 1.5 | .2 | .0 | | | | | | 16.6 | 6.1 |
| SSW | 2.3 | 2.1 | 3.4 | 1.8 | .4 | .1 | | | | | | 10.1 | 7.7 |
| SW | 1.4 | 1.5 | 1.9 | 1.2 | .3 | .1 | .0 | | | | | 6.4 | 8.0 |
| WSW | .5 | .5 | .3 | .3 | .1 | | | | | | | 1.7 | 7.7 |
| W | .6 | .2 | .3 | .1 | .1 | | | | | | | 1.3 | 6.9 |
| WNW | .6 | .1 | .1 | | | | | | | | | .7 | 3.2 |
| NW | .3 | .1 | .1 | | | | | | | | | .5 | 3.6 |
| NNW | .3 | .0 | .0 | | | | | | | | | .3 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.5 | |
| | 21.4 | 16.4 | 15.5 | 6.5 | 1.3 | .3 | .1 | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2872

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .3 | .2 | .0 | | | | | | | | 1.2 | 4.0 |
| NNE | .7 | .5 | .7 | .0 | .1 | | .0 | | | | | 2.1 | 6.3 |
| NE | .9 | .4 | .4 | .1 | | | | | | | | 1.8 | 4.6 |
| ENE | .8 | .6 | .2 | | | | | | | | | 1.6 | 3.8 |
| E | 1.1 | .5 | .2 | .0 | | | | | | | | 2.0 | 3.8 |
| ESE | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.8 |
| SE | 1.7 | .5 | .9 | .3 | .0 | | | | | | | 3.4 | 5.3 |
| SSE | 2.1 | 1.6 | 2.4 | .9 | .1 | | | | .0 | | | 7.1 | 6.3 |
| S | 4.3 | 5.7 | 5.1 | 2.3 | .5 | | | | | | | 17.9 | 6.8 |
| SSW | 1.8 | 2.3 | 4.7 | 2.1 | .3 | .0 | .0 | | | | | 11.1 | 8.2 |
| SW | 1.9 | 1.1 | 2.4 | 1.1 | .3 | .1 | | | | | | 6.6 | 7.9 |
| WSW | .4 | .5 | .6 | .2 | .2 | | .0 | | | | | 1.8 | 8.1 |
| W | .3 | .3 | .3 | .2 | .1 | | | | | | | 1.3 | 7.6 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .4 | .1 | | | | | | | | | | .5 | 2.5 |
| NNW | .1 | .0 | | | | | | | | | | .1 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.8 | |
| | 18.0 | 15.1 | 18.0 | 7.2 | 1.7 | .1 | .1 | | .0 | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

2963

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .3 | .1 | .0 | .0 | | | | | | | 1.4 | 3.8 |
| NNE | .7 | .6 | .6 | .0 | | .1 | | | | | | 2.2 | 6.0 |
| NE | 1.1 | .8 | .7 | | | | | | | | | 2.7 | 4.8 |
| ENE | .8 | .4 | .2 | | | | | | | | | 1.5 | 3.9 |
| E | 1.4 | .5 | .1 | | | | | | | | | 2.1 | 3.3 |
| ESE | 1.1 | .4 | .2 | .1 | .0 | | | | | | | 1.7 | 4.0 |
| SE | 1.4 | .9 | .8 | .1 | .1 | | | | | | | 3.3 | 5.3 |
| SSE | 2.3 | 1.4 | 2.1 | .7 | .1 | | | | | | | 6.7 | 6.3 |
| S | 4.4 | 4.5 | 5.6 | 2.1 | .3 | .0 | | | | | | 17.0 | 6.7 |
| SSW | 2.0 | 2.2 | 4.5 | 2.5 | .5 | .0 | | | | | | 11.7 | 8.2 |
| SW | 1.2 | 1.1 | 2.2 | 1.4 | .2 | | | | | | | 6.2 | 8.1 |
| WSW | .3 | .5 | .7 | .3 | .1 | | | | | | | 1.9 | 7.7 |
| W | .4 | .3 | .2 | .1 | .0 | | | | | | | 1.0 | 6.1 |
| WNW | .1 | | | | | | | | | | | .1 | 3.0 |
| NW | .3 | .0 | .0 | | | | | | | | | .4 | 2.9 |
| NNW | .4 | .1 | .0 | | | | | | | | | .5 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.8 | |
| | 18.9 | 14.1 | 18.2 | 7.4 | 1.4 | .2 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS

2961

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24207 MCCHORD AFB WASHINGTON/TAGDMA 40-71 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .3 | .1 | .0 | .0 | .0 | | | | | | 1.2 | 5.1 |
| NNE | .7 | .9 | .4 | .1 | .0 | | .0 | | | | | 2.2 | 5.6 |
| NE | 1.3 | .8 | .7 | .2 | | | | | | | | 2.9 | 5.0 |
| ENE | .6 | .4 | .2 | | | | | | | | | 1.2 | 4.2 |
| E | .9 | .7 | .1 | | | | | | | | | 1.7 | 3.8 |
| ESE | .7 | .6 | .2 | .0 | | | | | | | | 1.6 | 4.2 |
| SE | 2.2 | 1.2 | .8 | .1 | .0 | | | | | | | 4.4 | 4.5 |
| SSE | 2.4 | 1.9 | 1.9 | .7 | .0 | | | | | | | 6.9 | 5.8 |
| S | 4.6 | 5.1 | 4.7 | 2.0 | .2 | | | | | | | 16.7 | 6.5 |
| SSW | 1.9 | 2.2 | 4.2 | 2.3 | .4 | .1 | | | | | | 11.1 | 8.2 |
| SW | 1.6 | 1.5 | 2.2 | 1.1 | .1 | | | | | | | 6.6 | 7.4 |
| WSW | .4 | .6 | .4 | .2 | .2 | | | | | | | 1.8 | 7.4 |
| W | .6 | .2 | .1 | .2 | .1 | | | | | | | 1.3 | 6.4 |
| WNW | .2 | .1 | | | | | | | | | | .2 | 2.9 |
| NW | .2 | .1 | .2 | | | | | | | | | .5 | 4.6 |
| NNW | .2 | .1 | | | | | | | | | | .3 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.6 | |
| | 19.3 | 16.5 | 16.4 | 7.0 | 1.1 | .1 | .0 | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2959

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .8 | .4 | .0 | | | | | | | | 1.8 | 5.3 |
| NNE | .9 | .8 | .6 | .1 | .1 | | | | | | | 2.5 | 5.8 |
| NE | 1.3 | 1.1 | 1.1 | .1 | | .0 | | | | | | 3.7 | 5.6 |
| ENE | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.1 |
| E | 1.6 | .7 | .2 | | | | | | | | | 2.5 | 3.5 |
| ESE | .8 | .5 | .3 | .1 | | | | | | | | 1.8 | 4.4 |
| SE | 1.3 | .6 | .9 | .4 | .1 | | | | | | | 3.3 | 6.1 |
| SSE | 1.5 | 1.2 | 1.9 | 1.0 | .0 | | | | | | | 5.7 | 6.9 |
| S | 2.9 | 4.5 | 6.0 | 2.3 | .5 | .1 | | | | | | 16.3 | 7.5 |
| SSW | 2.2 | 2.6 | 5.0 | 2.7 | .3 | .1 | | | | | | 12.8 | 8.1 |
| SW | 2.2 | 2.0 | 2.8 | 1.5 | .4 | | .0 | .0 | | | | 8.9 | 7.8 |
| WSW | .9 | .4 | .7 | .2 | .1 | .0 | | | | | | 2.4 | 6.7 |
| W | .6 | .1 | .3 | .2 | .0 | | | | | | | 1.2 | 6.3 |
| WNW | .3 | .1 | .0 | .0 | | | | | | | | .5 | 3.7 |
| NW | .6 | .2 | .1 | | | | | | | | | .9 | 3.6 |
| NNW | .3 | .1 | .0 | | | | | | | | | .5 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.8 | |
| | 18.7 | 16.3 | 20.7 | 8.6 | 1.6 | .2 | .0 | .0 | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

2968

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207 MCCHORD AFB WASHINGTON/TACOMA 40-71 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.2 | 1.0 | .2 | | | | | | | | 3.9 | 5.2 |
| NNE | 1.6 | 1.0 | 1.1 | .9 | .1 | | | | | | | 4.7 | 6.8 |
| NE | 1.8 | 1.2 | 1.8 | .4 | .0 | | | | | | | 5.2 | 5.9 |
| ENE | .8 | .7 | .2 | .0 | | | | | | | | 1.8 | 4.2 |
| E | .8 | .5 | .2 | .1 | | | | | | | | 1.7 | 4.2 |
| ESE | .9 | .4 | .2 | .1 | | | | | | | | 1.5 | 4.2 |
| SE | .9 | .3 | .6 | .3 | | | | | | | | 2.3 | 6.3 |
| SSE | .8 | .7 | 1.4 | 1.1 | .0 | | | | | | | 4.1 | 8.1 |
| S | 1.9 | 2.7 | 5.0 | 3.2 | .6 | .0 | .0 | | | | | 13.4 | 8.7 |
| SSW | 1.2 | 2.3 | 5.8 | 4.2 | .8 | .0 | | | | | | 14.4 | 9.5 |
| SW | 2.2 | 2.2 | 5.1 | 2.1 | .6 | .1 | | | | | | 12.2 | 8.2 |
| WSW | .9 | .7 | 1.3 | .6 | .2 | .0 | .0 | | | | | 3.8 | 7.9 |
| W | 1.1 | .5 | .6 | .2 | .2 | | .0 | .0 | | | | 2.7 | 7.0 |
| WNW | .5 | .3 | .1 | .1 | | | | | | | | 1.0 | 4.9 |
| NW | .8 | .4 | .1 | | | | | | | | | 1.2 | 3.4 |
| NNW | .7 | .3 | .4 | .1 | | | | | | | | 1.4 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 18.4 | 15.6 | 24.9 | 13.6 | 2.6 | .2 | .1 | .0 | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 2967

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.0 | .7 | .1 | | | | | | | | 3.1 | 5.0 |
| NNE | 1.1 | 1.7 | 1.3 | .3 | .1 | | | | | | | 4.5 | 6.2 |
| NE | 1.7 | 1.2 | 1.4 | .2 | .0 | | | | | | | 4.4 | 5.4 |
| ENE | .8 | .5 | .2 | .1 | | | | | | | | 1.6 | 4.3 |
| E | 1.1 | .5 | .2 | | | | | | | | | 1.8 | 3.7 |
| ESE | 1.1 | .5 | .1 | .0 | | | | | | | | 1.8 | 3.5 |
| SE | 2.1 | .9 | .8 | .4 | .0 | .0 | | | | | | 4.3 | 5.3 |
| SSE | 1.3 | 1.4 | 2.0 | .9 | .1 | .0 | .0 | | | | | 5.6 | 7.4 |
| S | 3.0 | 3.3 | 4.9 | 2.5 | .4 | | | | | | | 14.1 | 7.5 |
| SSW | 1.6 | 2.4 | 5.4 | 3.1 | .5 | .0 | | | | | | 13.0 | 8.6 |
| SW | 1.8 | 2.1 | 3.8 | 1.7 | .5 | .1 | | | | | | 10.1 | 8.2 |
| WSW | .7 | .7 | .8 | .5 | .1 | .0 | | | | | | 2.8 | 7.6 |
| W | .8 | .5 | .3 | .1 | .1 | | | | | | | 1.8 | 5.7 |
| WNW | .4 | .1 | .1 | .0 | | | | | | | | .6 | 4.0 |
| NW | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.6 |
| NNW | .3 | .4 | .1 | .0 | | | | | | | | .8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.5 | |
| | 19.7 | 17.4 | 22.2 | 10.0 | 1.9 | .3 | .0 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 2964

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .5 | .5 | .2 | .1 | .0 | | | | | | | 1.5 | 5.4 |
| NNE | .6 | 1.1 | .9 | .3 | .1 | | | | | | | 3.0 | 6.6 |
| NE | 1.2 | .8 | .5 | .1 | .0 | | | | | | | 2.6 | 4.9 |
| ENE | .4 | .7 | .3 | | | | | | | | | 1.4 | 4.7 |
| E | 1.3 | .6 | .2 | .0 | | | | | | | | 2.2 | 3.8 |
| ESE | 1.1 | .5 | .3 | | .0 | | | | | | | 1.9 | 3.9 |
| SE | 1.7 | 1.3 | .9 | .3 | .1 | | .0 | | | | | 4.2 | 5.7 |
| SSE | 2.4 | 1.6 | 2.1 | .8 | .1 | .1 | | | | | | 7.0 | 6.3 |
| S | 3.8 | 5.0 | 4.9 | 2.5 | .4 | .1 | | | | | | 16.6 | 7.1 |
| SSW | 1.9 | 2.9 | 4.7 | 2.0 | .2 | | | | | | | 11.7 | 7.6 |
| SW | 1.6 | 1.7 | 2.6 | 1.1 | .4 | .1 | | | | | | 7.3 | 8.1 |
| WSW | .7 | .5 | .5 | .4 | .2 | | | | | | | 2.4 | 7.9 |
| W | .3 | .3 | .1 | .2 | .1 | .1 | | | | | | 1.1 | 8.2 |
| WNW | .1 | | .0 | .0 | | | | | | | | .2 | 4.8 |
| NW | .5 | .2 | .1 | | | | | | | | | .8 | 4.0 |
| NNW | .4 | .2 | .0 | .0 | .0 | | | | | | | .7 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.1 | |
| | 18.6 | 17.9 | 18.4 | 7.9 | 1.7 | .4 | .0 | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

2966

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .3 | .3 | .3 | .0 | | | | | | | 1.7 | 5.8 |
| NNE | .6 | .4 | .5 | .2 | | | | | | | | 1.8 | 6.3 |
| NE | 1.0 | .7 | .4 | .1 | | | | | | | | 2.2 | 4.6 |
| ENE | 1.0 | .4 | .1 | | | | | | | | | 1.5 | 3.2 |
| E | .9 | .7 | .3 | .0 | | | | | | | | 1.9 | 4.5 |
| ESE | 1.4 | .4 | .2 | | .0 | | | | | | | 2.1 | 3.9 |
| SE | 1.4 | 1.0 | .9 | .3 | .1 | .0 | | | | | | 3.9 | 6.1 |
| SSE | 2.2 | 1.8 | 2.2 | .8 | .1 | | | .0 | | | | 7.0 | 6.4 |
| S | 5.2 | 5.2 | 5.1 | 1.9 | .5 | .1 | .0 | | | | | 17.9 | 6.6 |
| SSW | 1.8 | 2.5 | 4.5 | 2.0 | .3 | .1 | | | | | | 11.1 | 8.0 |
| SW | 1.8 | .8 | 2.4 | 1.4 | .4 | .1 | | | | | | 6.9 | 8.4 |
| WSW | .5 | .3 | .5 | .3 | .1 | .0 | | | | | | 1.7 | 7.6 |
| W | .6 | .2 | .2 | .2 | .1 | | | | | | | 1.3 | 6.7 |
| WNW | .2 | .1 | .1 | | | | | | | | | .4 | 3.6 |
| NW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| NNW | .1 | .1 | .0 | | | | | | | | | .3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.8 | |
| | 19.8 | 15.0 | 17.8 | 7.5 | 1.7 | .3 | .0 | .0 | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 2969

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
YEARS

ALL
MONTH

INSTRUMENT

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 1.1 | .5 | .1 | .0 | .0 | | | | | | 3.6 | 4.4 |
| NNE | 1.7 | 1.4 | .9 | .2 | .0 | .0 | .0 | | | | | 4.2 | 4.9 |
| NE | 2.1 | 1.3 | .8 | .1 | .0 | | | | | | | 4.3 | 4.4 |
| ENE | .9 | .6 | .2 | .0 | | | | | | | | 1.6 | 3.7 |
| E | 1.4 | .5 | .1 | .0 | | | | | | | | 2.0 | 3.1 |
| ESE | .9 | .3 | .1 | .0 | | | | | | | | 1.3 | 3.1 |
| SE | 1.5 | .5 | .1 | .0 | .0 | | | | | | | 2.2 | 3.2 |
| SSE | 1.6 | .6 | .4 | .1 | .0 | | | | | | | 2.6 | 4.1 |
| S | 3.0 | 1.7 | 1.3 | .6 | .1 | .0 | | | | | | 6.7 | 5.4 |
| SSW | 1.8 | 1.9 | 2.3 | 1.3 | .2 | .0 | .0 | | | | | 7.5 | 7.3 |
| SW | 2.6 | 2.4 | 2.6 | 1.0 | .2 | .0 | .0 | | | | | 8.8 | 6.6 |
| WSW | 1.4 | 1.4 | 1.2 | .5 | .1 | .0 | .0 | | | | | 4.5 | 6.3 |
| W | 1.8 | 1.2 | .7 | .2 | .0 | .0 | | | | | | 3.9 | 4.9 |
| WNW | .9 | .4 | .2 | .0 | .0 | .0 | | | | | | 1.5 | 4.1 |
| NW | 1.2 | .5 | .2 | .0 | | | | | | | | 2.0 | 3.7 |
| NNW | .8 | .5 | .2 | .0 | .0 | | | | | | | 1.4 | 3.9 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.0 | |
| | 25.4 | 16.0 | 11.5 | 4.2 | .7 | .2 | .0 | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS

36610

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{5}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | |
| 1500 | | | | | 91.0 | | | | | | | | | | 92.6 |
| 1200 | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | 97.4 | | | | | 98.1 |
| 400 | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | |
| 100 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

Page 3

The first part of the report, which is the most important, is the one which deals with the question of the possibility of a general strike in the United States. It is a very interesting and important question, and one which has been the subject of much discussion and debate. The author of the report, who is a well-known expert on the subject, discusses the various factors which might lead to a general strike, and the possible consequences of such a strike. He also discusses the various measures which might be taken to prevent a general strike, and the possible consequences of such measures. The report is a very thorough and well-researched one, and it is a very important contribution to the study of the possibility of a general strike in the United States.

The second part of the report, which is the least important, is the one which deals with the question of the possibility of a general strike in the United States. It is a very interesting and important question, and one which has been the subject of much discussion and debate. The author of the report, who is a well-known expert on the subject, discusses the various factors which might lead to a general strike, and the possible consequences of such a strike. He also discusses the various measures which might be taken to prevent a general strike, and the possible consequences of such measures. The report is a very thorough and well-researched one, and it is a very important contribution to the study of the possibility of a general strike in the United States.

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCORD AFB WASHINGTON/TACOMA

40-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|----|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥1/512 | ≥0 |
| NO CEILING | 21.7 | 27.1 | 28.7 | 30.0 | 31.4 | 31.7 | 32.5 | 32.9 | 33.0 | 33.5 | 33.7 | 33.7 | 34.0 | 34.1 | 34.3 | 34.6 | |
| ≥ 20000 | 24.8 | 20.9 | 32.8 | 34.2 | 35.8 | 36.2 | 37.1 | 37.6 | 37.7 | 38.3 | 38.6 | 38.6 | 38.9 | 39.0 | 39.2 | 39.6 | |
| ≥ 18000 | 25.0 | 31.1 | 33.0 | 34.4 | 36.1 | 36.4 | 37.3 | 37.9 | 38.0 | 38.5 | 38.9 | 38.9 | 39.2 | 39.3 | 39.5 | 39.8 | |
| ≥ 16000 | 25.3 | 31.5 | 33.4 | 34.8 | 36.5 | 36.8 | 37.8 | 38.3 | 38.4 | 39.0 | 39.3 | 39.3 | 39.6 | 39.7 | 40.0 | 40.3 | |
| ≥ 14000 | 26.1 | 32.5 | 34.5 | 36.0 | 37.7 | 38.1 | 39.1 | 39.6 | 39.7 | 40.3 | 40.6 | 40.7 | 41.0 | 41.1 | 41.3 | 41.7 | |
| ≥ 12000 | 27.2 | 33.9 | 36.0 | 37.6 | 39.3 | 39.7 | 40.7 | 41.3 | 41.4 | 42.0 | 42.4 | 42.4 | 42.7 | 42.8 | 43.0 | 43.4 | |
| ≥ 10000 | 28.5 | 35.6 | 37.7 | 39.3 | 41.2 | 41.6 | 42.6 | 43.2 | 43.4 | 44.0 | 44.4 | 44.4 | 44.7 | 44.8 | 45.0 | 45.4 | |
| ≥ 9000 | 29.3 | 36.5 | 38.6 | 40.3 | 42.2 | 42.6 | 43.7 | 44.3 | 44.5 | 45.1 | 45.4 | 45.5 | 45.8 | 45.9 | 46.1 | 46.5 | |
| ≥ 8000 | 31.0 | 38.6 | 40.9 | 42.7 | 44.6 | 45.0 | 46.2 | 46.6 | 47.0 | 47.6 | 48.0 | 48.1 | 48.4 | 48.5 | 48.7 | 49.1 | |
| ≥ 7000 | 33.0 | 41.0 | 43.3 | 45.2 | 47.2 | 47.7 | 48.9 | 49.5 | 49.7 | 50.4 | 50.8 | 50.8 | 51.1 | 51.2 | 51.5 | 51.9 | |
| ≥ 6000 | 34.4 | 42.8 | 45.2 | 47.2 | 49.3 | 49.7 | 50.9 | 51.7 | 51.8 | 52.5 | 52.9 | 53.0 | 53.3 | 53.4 | 53.6 | 54.0 | |
| ≥ 5000 | 37.3 | 46.6 | 49.2 | 51.3 | 53.5 | 54.0 | 55.2 | 56.0 | 56.2 | 56.9 | 57.3 | 57.4 | 57.7 | 57.8 | 58.1 | 58.5 | |
| ≥ 4500 | 39.2 | 48.8 | 51.5 | 53.6 | 55.9 | 56.4 | 57.7 | 58.4 | 58.6 | 59.4 | 59.8 | 59.8 | 60.2 | 60.3 | 60.6 | 60.9 | |
| ≥ 4000 | 42.1 | 52.5 | 55.4 | 57.7 | 60.0 | 60.6 | 61.9 | 62.8 | 63.0 | 63.8 | 64.2 | 64.2 | 64.6 | 64.7 | 65.0 | 65.4 | |
| ≥ 3500 | 45.2 | 56.5 | 59.6 | 62.0 | 64.4 | 65.0 | 66.4 | 67.3 | 67.5 | 68.4 | 68.8 | 68.9 | 69.2 | 69.3 | 69.6 | 70.0 | |
| ≥ 3000 | 48.0 | 61.1 | 64.4 | 67.0 | 69.7 | 70.3 | 71.8 | 72.7 | 73.0 | 73.9 | 74.3 | 74.4 | 74.8 | 74.9 | 75.2 | 75.6 | |
| ≥ 2500 | 52.0 | 66.0 | 69.6 | 72.3 | 75.2 | 75.8 | 77.5 | 78.5 | 78.7 | 79.7 | 80.2 | 80.2 | 80.6 | 80.8 | 81.0 | 81.4 | |
| ≥ 2000 | 55.0 | 70.3 | 74.2 | 77.2 | 80.3 | 81.0 | 82.8 | 83.8 | 84.1 | 85.1 | 85.7 | 85.7 | 86.1 | 86.3 | 86.5 | 86.9 | |
| ≥ 1800 | 55.5 | 71.1 | 75.1 | 78.2 | 81.3 | 82.0 | 83.8 | 84.9 | 85.1 | 86.2 | 86.7 | 86.8 | 87.2 | 87.3 | 87.6 | 88.0 | |
| ≥ 1500 | 56.5 | 72.7 | 76.9 | 80.1 | 83.4 | 84.1 | 86.1 | 87.2 | 87.4 | 88.5 | 89.1 | 89.1 | 89.6 | 89.7 | 90.0 | 90.4 | |
| ≥ 1200 | 57.2 | 73.9 | 78.3 | 81.6 | 85.0 | 85.8 | 87.7 | 88.9 | 89.2 | 90.3 | 90.9 | 90.9 | 91.4 | 91.5 | 91.8 | 92.2 | |
| ≥ 1000 | 57.6 | 74.5 | 79.0 | 82.4 | 86.0 | 86.7 | 88.8 | 90.0 | 90.3 | 91.5 | 92.1 | 92.2 | 92.6 | 92.8 | 93.1 | 93.5 | |
| ≥ 900 | 57.7 | 74.8 | 79.3 | 82.7 | 86.3 | 87.1 | 89.2 | 90.5 | 90.8 | 92.0 | 92.6 | 92.7 | 93.1 | 93.3 | 93.6 | 94.0 | |
| ≥ 800 | 57.8 | 75.0 | 79.6 | 83.1 | 86.7 | 87.6 | 89.7 | 91.0 | 91.3 | 92.6 | 93.2 | 93.3 | 93.8 | 93.9 | 94.2 | 94.6 | |
| ≥ 700 | 57.9 | 75.2 | 79.8 | 83.3 | 87.0 | 87.9 | 90.1 | 91.4 | 91.7 | 93.0 | 93.7 | 93.7 | 94.2 | 94.4 | 94.7 | 95.1 | |
| ≥ 600 | 57.9 | 75.3 | 79.9 | 83.5 | 87.3 | 88.2 | 90.4 | 91.8 | 92.1 | 93.4 | 94.1 | 94.2 | 94.7 | 94.8 | 95.2 | 95.6 | |
| ≥ 500 | 58.0 | 75.4 | 80.0 | 83.6 | 87.5 | 88.4 | 90.7 | 92.2 | 92.5 | 93.9 | 94.7 | 94.7 | 95.3 | 95.5 | 95.8 | 96.2 | |
| ≥ 400 | 58.0 | 75.4 | 80.1 | 83.7 | 87.6 | 88.6 | 91.0 | 92.4 | 92.8 | 94.3 | 95.1 | 95.2 | 95.8 | 95.9 | 96.3 | 96.7 | |
| ≥ 300 | 58.0 | 75.4 | 80.1 | 83.8 | 87.7 | 88.6 | 91.1 | 92.6 | 93.0 | 94.6 | 95.4 | 95.5 | 96.2 | 96.4 | 96.8 | 97.3 | |
| ≥ 200 | 58.0 | 75.4 | 80.1 | 83.8 | 87.7 | 88.7 | 91.1 | 92.7 | 93.1 | 94.8 | 95.7 | 95.8 | 96.5 | 96.6 | 97.3 | 97.9 | |
| ≥ 100 | 58.0 | 75.4 | 80.1 | 83.8 | 87.7 | 88.7 | 91.2 | 92.7 | 93.1 | 94.8 | 95.7 | 95.9 | 96.7 | 96.9 | 97.6 | 98.5 | |
| ≥ 0 | 58.0 | 75.4 | 80.1 | 83.8 | 87.7 | 88.7 | 91.2 | 92.7 | 93.1 | 94.8 | 95.8 | 95.9 | 96.7 | 97.0 | 97.6 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

278828

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS 1-5

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 10.7 | 15.0 | 16.0 | 16.8 | 17.7 | 18.0 | 18.6 | 19.1 | 19.2 | 19.7 | 20.0 | 20.1 | 20.4 | 20.5 | 20.8 | 21.3 |
| ≥ 20000 | 12.6 | 17.6 | 18.9 | 19.9 | 21.0 | 21.4 | 22.2 | 22.9 | 23.0 | 23.7 | 24.1 | 24.2 | 24.6 | 24.7 | 25.0 | 25.6 |
| ≥ 18000 | 12.8 | 17.7 | 19.0 | 20.0 | 21.2 | 21.5 | 22.4 | 23.1 | 23.2 | 23.9 | 24.3 | 24.4 | 24.8 | 24.9 | 25.2 | 25.8 |
| ≥ 16000 | 13.0 | 18.0 | 19.4 | 20.4 | 21.6 | 21.9 | 22.8 | 23.5 | 23.6 | 24.4 | 24.8 | 24.8 | 25.3 | 25.4 | 25.7 | 26.3 |
| ≥ 14000 | 13.8 | 19.1 | 20.5 | 21.6 | 22.9 | 23.3 | 24.2 | 24.7 | 25.1 | 25.8 | 26.3 | 26.4 | 26.8 | 26.9 | 27.2 | 27.8 |
| ≥ 12000 | 14.8 | 20.3 | 21.8 | 23.0 | 24.4 | 24.8 | 25.8 | 26.6 | 26.7 | 27.6 | 28.1 | 28.1 | 28.6 | 28.7 | 29.0 | 29.6 |
| ≥ 10000 | 16.0 | 21.8 | 23.4 | 24.7 | 26.2 | 26.6 | 27.7 | 28.5 | 28.7 | 29.6 | 30.1 | 30.1 | 30.6 | 30.7 | 31.1 | 31.7 |
| ≥ 9000 | 16.7 | 22.7 | 24.3 | 25.7 | 27.2 | 27.6 | 28.5 | 29.7 | 29.9 | 30.8 | 31.3 | 31.4 | 31.9 | 32.0 | 32.4 | 33.0 |
| ≥ 8000 | 18.4 | 24.8 | 26.3 | 28.0 | 29.6 | 30.1 | 31.4 | 32.3 | 32.5 | 33.5 | 34.0 | 34.1 | 34.6 | 34.7 | 35.1 | 35.7 |
| ≥ 7000 | 19.9 | 26.9 | 28.8 | 30.4 | 32.1 | 32.6 | 33.9 | 35.0 | 35.2 | 36.3 | 36.8 | 36.9 | 37.4 | 37.6 | 37.9 | 38.5 |
| ≥ 6000 | 21.1 | 28.5 | 30.4 | 32.1 | 34.0 | 34.5 | 35.9 | 37.0 | 37.2 | 38.4 | 39.0 | 39.0 | 39.6 | 39.7 | 40.1 | 40.7 |
| ≥ 5000 | 23.8 | 32.0 | 34.1 | 36.0 | 38.0 | 38.5 | 40.1 | 41.3 | 41.5 | 42.7 | 43.3 | 43.4 | 44.0 | 44.1 | 44.5 | 45.1 |
| ≥ 4500 | 25.4 | 34.2 | 36.3 | 38.3 | 40.4 | 40.9 | 42.5 | 43.8 | 44.0 | 45.2 | 45.9 | 45.9 | 46.5 | 46.7 | 47.1 | 47.7 |
| ≥ 4000 | 28.1 | 38.0 | 40.5 | 42.7 | 44.9 | 45.5 | 47.3 | 48.6 | 48.9 | 50.2 | 50.9 | 51.0 | 51.6 | 51.8 | 52.1 | 52.8 |
| ≥ 3500 | 31.3 | 42.6 | 45.5 | 47.9 | 50.3 | 51.0 | 53.0 | 54.4 | 54.7 | 56.2 | 56.9 | 57.0 | 57.6 | 57.8 | 58.2 | 58.8 |
| ≥ 3000 | 34.2 | 47.2 | 50.5 | 53.2 | 55.9 | 56.7 | 58.9 | 60.5 | 60.8 | 62.4 | 63.2 | 63.3 | 64.0 | 64.1 | 64.6 | 65.2 |
| ≥ 2500 | 37.0 | 52.3 | 56.0 | 59.0 | 62.0 | 62.9 | 65.4 | 67.1 | 67.5 | 69.2 | 70.1 | 70.2 | 70.9 | 71.1 | 71.6 | 72.2 |
| ≥ 2000 | 39.7 | 57.1 | 61.4 | 64.9 | 68.3 | 69.3 | 72.1 | 73.9 | 74.3 | 76.1 | 77.1 | 77.2 | 78.1 | 78.3 | 78.8 | 79.4 |
| ≥ 1800 | 40.1 | 57.9 | 62.3 | 65.9 | 69.5 | 70.5 | 73.3 | 75.2 | 75.6 | 77.4 | 77.5 | 78.6 | 79.4 | 79.7 | 80.1 | 80.8 |
| ≥ 1500 | 41.0 | 59.8 | 64.6 | 68.5 | 72.3 | 73.4 | 76.4 | 78.4 | 78.8 | 80.7 | 81.8 | 81.9 | 82.6 | 83.0 | 83.5 | 84.1 |
| ≥ 1200 | 41.7 | 61.2 | 66.2 | 70.5 | 74.3 | 75.5 | 78.6 | 80.8 | 81.2 | 83.2 | 84.2 | 84.4 | 85.3 | 85.5 | 86.0 | 86.6 |
| ≥ 1000 | 42.0 | 61.8 | 66.9 | 71.2 | 75.5 | 76.7 | 80.0 | 82.2 | 82.6 | 84.8 | 85.9 | 86.1 | 87.0 | 87.3 | 87.8 | 88.4 |
| ≥ 900 | 42.2 | 62.0 | 67.1 | 71.4 | 75.7 | 77.0 | 80.3 | 82.6 | 83.1 | 85.3 | 86.4 | 86.6 | 87.5 | 87.8 | 88.3 | 89.0 |
| ≥ 800 | 42.3 | 62.3 | 67.5 | 71.9 | 76.3 | 77.6 | 81.0 | 83.4 | 83.9 | 86.2 | 87.3 | 87.5 | 88.5 | 88.7 | 89.3 | 90.0 |
| ≥ 700 | 42.4 | 62.5 | 67.7 | 72.1 | 76.7 | 78.0 | 81.5 | 84.0 | 84.5 | 86.8 | 88.1 | 88.2 | 89.3 | 89.5 | 90.1 | 90.8 |
| ≥ 600 | 42.4 | 62.6 | 67.8 | 72.3 | 76.9 | 78.3 | 81.9 | 84.4 | 85.0 | 87.4 | 88.7 | 88.8 | 89.9 | 90.2 | 90.8 | 91.5 |
| ≥ 500 | 42.5 | 62.6 | 68.0 | 72.4 | 77.2 | 78.6 | 82.3 | 85.0 | 85.6 | 88.2 | 89.6 | 89.7 | 91.0 | 91.4 | 92.1 | 92.8 |
| ≥ 400 | 42.5 | 62.7 | 68.0 | 72.5 | 77.3 | 78.6 | 82.5 | 85.4 | 86.0 | 88.8 | 90.2 | 90.4 | 91.8 | 92.2 | 92.9 | 93.6 |
| ≥ 300 | 42.5 | 62.7 | 68.0 | 72.5 | 77.4 | 78.8 | 82.7 | 85.6 | 86.3 | 89.7 | 90.8 | 91.0 | 92.4 | 92.9 | 93.7 | 94.5 |
| ≥ 200 | 42.5 | 62.7 | 68.0 | 72.5 | 77.4 | 78.9 | 82.8 | 85.7 | 86.4 | 89.5 | 91.3 | 91.5 | 93.1 | 93.7 | 94.7 | 95.6 |
| ≥ 100 | 42.5 | 62.7 | 68.0 | 72.5 | 77.4 | 78.9 | 82.8 | 85.8 | 86.5 | 89.6 | 91.4 | 91.6 | 93.3 | 94.0 | 95.2 | 96.0 |
| ≥ 0 | 42.5 | 62.7 | 68.0 | 72.5 | 77.4 | 78.9 | 82.8 | 85.8 | 86.5 | 89.6 | 91.4 | 91.7 | 93.3 | 94.0 | 95.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23650

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSFEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 14.6 | 19.0 | 20.5 | 21.5 | 23.0 | 23.3 | 24.3 | 25.0 | 25.1 | 25.5 | 25.9 | 25.9 | 26.2 | 26.3 | 26.6 | 27.0 |
| ≥ 20000 | 17.0 | 22.0 | 23.8 | 25.1 | 26.9 | 27.3 | 28.5 | 29.4 | 29.5 | 30.1 | 30.4 | 30.5 | 30.8 | 30.9 | 31.3 | 31.7 |
| ≥ 18000 | 17.1 | 22.2 | 24.1 | 25.3 | 27.1 | 27.6 | 28.8 | 29.7 | 29.8 | 30.3 | 30.7 | 30.8 | 31.1 | 31.2 | 31.6 | 32.0 |
| ≥ 16000 | 17.4 | 22.5 | 24.4 | 25.7 | 27.5 | 28.0 | 29.3 | 30.1 | 30.2 | 30.8 | 31.2 | 31.2 | 31.5 | 31.7 | 32.0 | 32.4 |
| ≥ 14000 | 18.2 | 23.7 | 25.7 | 27.1 | 29.0 | 29.6 | 30.9 | 31.7 | 31.9 | 32.5 | 32.9 | 33.0 | 33.3 | 33.4 | 33.8 | 34.2 |
| ≥ 12000 | 19.4 | 25.2 | 27.3 | 28.8 | 30.8 | 31.4 | 32.8 | 33.8 | 33.9 | 34.6 | 35.0 | 35.0 | 35.4 | 35.5 | 35.8 | 36.3 |
| ≥ 10000 | 20.7 | 26.9 | 29.1 | 30.7 | 32.9 | 33.5 | 35.0 | 36.1 | 36.2 | 36.9 | 37.4 | 37.5 | 37.8 | 37.9 | 38.3 | 38.8 |
| ≥ 9000 | 21.4 | 27.9 | 30.2 | 31.8 | 34.1 | 34.8 | 36.3 | 37.4 | 37.5 | 38.3 | 38.7 | 38.8 | 39.1 | 39.3 | 39.6 | 40.1 |
| ≥ 8000 | 23.2 | 30.2 | 32.7 | 34.4 | 36.7 | 37.5 | 39.1 | 40.2 | 40.4 | 41.1 | 41.6 | 41.6 | 42.0 | 42.1 | 42.5 | 43.0 |
| ≥ 7000 | 25.0 | 32.6 | 35.3 | 37.1 | 39.5 | 40.2 | 41.9 | 43.0 | 43.2 | 44.0 | 44.5 | 44.5 | 44.9 | 45.0 | 45.4 | 45.9 |
| ≥ 6000 | 26.5 | 34.6 | 37.3 | 39.2 | 41.7 | 42.5 | 44.2 | 45.3 | 45.5 | 46.3 | 46.8 | 46.9 | 47.3 | 47.4 | 47.8 | 48.3 |
| ≥ 5000 | 29.3 | 37.4 | 41.4 | 43.5 | 46.2 | 47.0 | 48.7 | 49.9 | 50.2 | 51.0 | 51.6 | 51.6 | 52.0 | 52.2 | 52.5 | 53.0 |
| ≥ 4500 | 30.8 | 40.4 | 43.5 | 45.7 | 48.4 | 49.2 | 51.1 | 52.3 | 52.6 | 53.5 | 54.0 | 54.1 | 54.5 | 54.6 | 55.0 | 55.5 |
| ≥ 4000 | 33.8 | 44.5 | 47.8 | 50.3 | 53.1 | 54.0 | 56.0 | 57.3 | 57.6 | 58.6 | 59.1 | 59.2 | 59.6 | 59.8 | 60.2 | 60.7 |
| ≥ 3500 | 36.9 | 48.9 | 52.6 | 55.2 | 58.2 | 59.2 | 61.3 | 62.7 | 63.0 | 64.1 | 64.7 | 64.7 | 65.2 | 65.3 | 65.7 | 66.3 |
| ≥ 3000 | 40.1 | 53.6 | 57.6 | 60.6 | 63.9 | 64.9 | 67.1 | 68.7 | 68.9 | 70.1 | 70.8 | 70.8 | 71.3 | 71.5 | 71.9 | 72.4 |
| ≥ 2500 | 43.6 | 59.3 | 63.6 | 66.8 | 70.4 | 71.4 | 73.8 | 75.4 | 75.7 | 77.0 | 77.7 | 77.8 | 78.3 | 78.5 | 78.9 | 79.4 |
| ≥ 2000 | 46.9 | 64.5 | 69.4 | 72.9 | 76.8 | 77.9 | 80.4 | 82.2 | 82.5 | 83.9 | 84.7 | 84.8 | 85.3 | 85.4 | 85.9 | 86.4 |
| ≥ 1800 | 47.5 | 65.4 | 70.4 | 74.0 | 77.9 | 79.0 | 81.6 | 83.4 | 83.8 | 85.1 | 85.9 | 86.0 | 86.5 | 86.7 | 87.1 | 87.7 |
| ≥ 1500 | 48.4 | 67.2 | 72.5 | 76.3 | 80.4 | 81.6 | 84.3 | 86.2 | 86.5 | 88.0 | 88.8 | 88.9 | 89.4 | 89.6 | 90.0 | 90.6 |
| ≥ 1200 | 48.9 | 68.2 | 73.8 | 77.7 | 82.0 | 83.2 | 86.0 | 87.9 | 88.3 | 89.9 | 90.7 | 90.8 | 91.3 | 91.5 | 91.9 | 92.5 |
| ≥ 1000 | 49.1 | 68.7 | 74.4 | 78.4 | 82.9 | 84.2 | 87.0 | 89.1 | 89.5 | 91.1 | 91.9 | 92.1 | 92.6 | 92.8 | 93.2 | 93.8 |
| ≥ 900 | 49.2 | 68.8 | 74.6 | 78.6 | 83.2 | 84.4 | 87.4 | 89.4 | 89.9 | 91.5 | 92.3 | 92.4 | 93.0 | 93.2 | 93.6 | 94.2 |
| ≥ 800 | 49.2 | 68.9 | 74.8 | 78.9 | 83.5 | 84.8 | 87.7 | 89.9 | 90.3 | 92.0 | 92.9 | 93.0 | 93.6 | 93.8 | 94.3 | 94.8 |
| ≥ 700 | 49.3 | 69.1 | 74.9 | 79.1 | 83.7 | 85.0 | 88.1 | 90.2 | 90.7 | 92.4 | 93.4 | 93.5 | 94.1 | 94.2 | 94.7 | 95.3 |
| ≥ 600 | 49.3 | 69.1 | 75.0 | 79.2 | 83.9 | 85.2 | 88.3 | 90.6 | 91.0 | 92.8 | 93.8 | 93.9 | 94.5 | 94.7 | 95.2 | 95.8 |
| ≥ 500 | 49.3 | 69.2 | 75.1 | 79.3 | 84.0 | 85.4 | 88.5 | 90.8 | 91.3 | 93.2 | 94.2 | 94.4 | 95.1 | 95.3 | 95.8 | 96.4 |
| ≥ 400 | 49.3 | 69.2 | 75.1 | 79.3 | 84.0 | 85.5 | 88.7 | 91.1 | 91.6 | 93.5 | 94.6 | 94.8 | 95.6 | 95.8 | 96.4 | 97.0 |
| ≥ 300 | 49.3 | 69.2 | 75.1 | 79.4 | 84.1 | 85.6 | 88.8 | 91.2 | 91.8 | 93.8 | 94.9 | 95.1 | 95.9 | 96.2 | 96.9 | 97.5 |
| ≥ 200 | 49.3 | 69.2 | 75.1 | 79.4 | 84.1 | 85.6 | 88.8 | 91.3 | 91.9 | 93.9 | 95.2 | 95.4 | 96.3 | 96.6 | 97.4 | 98.2 |
| ≥ 100 | 49.3 | 69.2 | 75.1 | 79.4 | 84.1 | 85.6 | 88.8 | 91.3 | 91.9 | 94.0 | 95.2 | 95.5 | 96.4 | 96.8 | 97.6 | 98.8 |
| ≥ 0 | 49.3 | 69.2 | 75.1 | 79.4 | 84.1 | 85.6 | 88.8 | 91.3 | 91.9 | 94.0 | 95.2 | 95.5 | 96.4 | 96.8 | 97.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

21510

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 18.9 | 23.8 | 25.3 | 26.6 | 27.8 | 28.1 | 28.7 | 29.0 | 29.2 | 29.5 | 29.7 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 |
| ≥ 20000 | 22.4 | 27.8 | 29.6 | 31.1 | 32.5 | 32.8 | 33.6 | 34.1 | 34.2 | 34.6 | 34.8 | 34.8 | 35.0 | 35.0 | 35.2 | 35.3 |
| ≥ 18000 | 22.5 | 28.0 | 29.9 | 31.4 | 32.8 | 33.1 | 34.0 | 34.4 | 34.5 | 34.9 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.7 |
| ≥ 16000 | 22.9 | 28.5 | 30.4 | 31.9 | 33.3 | 33.7 | 34.5 | 34.9 | 35.1 | 35.5 | 35.7 | 35.7 | 35.9 | 35.9 | 36.0 | 36.2 |
| ≥ 14000 | 23.9 | 29.7 | 31.7 | 33.3 | 34.8 | 35.1 | 36.0 | 36.4 | 36.6 | 37.0 | 37.2 | 37.2 | 37.4 | 37.4 | 37.6 | 37.7 |
| ≥ 12000 | 25.2 | 31.3 | 33.3 | 35.1 | 36.6 | 36.9 | 37.9 | 38.3 | 38.5 | 38.9 | 39.1 | 39.1 | 39.3 | 39.3 | 39.5 | 39.6 |
| ≥ 10000 | 26.6 | 33.0 | 35.1 | 36.9 | 38.5 | 38.9 | 39.8 | 40.3 | 40.4 | 40.8 | 41.1 | 41.1 | 41.3 | 41.3 | 41.5 | 41.6 |
| ≥ 9000 | 27.4 | 33.8 | 36.1 | 37.9 | 39.5 | 39.9 | 40.8 | 41.4 | 41.5 | 41.9 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.7 |
| ≥ 8000 | 29.3 | 36.1 | 38.5 | 40.4 | 42.1 | 42.5 | 43.5 | 44.1 | 44.2 | 44.7 | 44.9 | 44.9 | 45.1 | 45.1 | 45.3 | 45.4 |
| ≥ 7000 | 32.1 | 39.5 | 41.9 | 43.9 | 45.8 | 46.2 | 47.2 | 47.8 | 48.0 | 48.4 | 48.7 | 48.7 | 48.9 | 48.9 | 49.1 | 49.2 |
| ≥ 6000 | 33.7 | 41.5 | 44.0 | 46.1 | 48.0 | 48.4 | 49.6 | 50.2 | 50.3 | 50.8 | 51.1 | 51.1 | 51.3 | 51.3 | 51.5 | 51.7 |
| ≥ 5000 | 37.0 | 45.9 | 48.6 | 50.7 | 52.8 | 53.3 | 54.5 | 55.1 | 55.3 | 55.8 | 56.1 | 56.1 | 56.3 | 56.4 | 56.5 | 56.7 |
| ≥ 4500 | 38.9 | 48.3 | 51.1 | 53.4 | 55.5 | 55.9 | 57.2 | 57.9 | 58.1 | 58.6 | 58.9 | 58.9 | 59.1 | 59.1 | 59.3 | 59.4 |
| ≥ 4000 | 42.4 | 52.9 | 56.0 | 58.4 | 60.6 | 61.1 | 62.4 | 63.1 | 63.3 | 63.9 | 64.2 | 64.2 | 64.4 | 64.4 | 64.6 | 64.7 |
| ≥ 3500 | 46.0 | 57.6 | 60.9 | 63.5 | 65.8 | 66.3 | 67.7 | 68.5 | 68.7 | 69.3 | 69.6 | 69.6 | 69.8 | 69.8 | 70.0 | 70.2 |
| ≥ 3000 | 50.3 | 63.4 | 67.0 | 69.7 | 72.2 | 72.8 | 74.2 | 75.0 | 75.2 | 75.9 | 76.2 | 76.2 | 76.4 | 76.5 | 76.6 | 76.8 |
| ≥ 2500 | 54.4 | 69.1 | 73.0 | 76.0 | 78.8 | 79.3 | 80.9 | 81.7 | 81.9 | 82.6 | 83.0 | 83.0 | 83.2 | 83.3 | 83.4 | 83.6 |
| ≥ 2000 | 57.9 | 74.5 | 78.7 | 82.0 | 85.0 | 85.6 | 87.3 | 88.2 | 88.4 | 89.2 | 89.5 | 89.6 | 89.8 | 89.9 | 90.0 | 90.2 |
| ≥ 1800 | 58.4 | 75.3 | 79.6 | 83.0 | 86.0 | 86.7 | 88.4 | 89.3 | 89.5 | 90.3 | 90.7 | 90.7 | 90.9 | 91.0 | 91.1 | 91.3 |
| ≥ 1500 | 59.3 | 76.9 | 81.5 | 85.0 | 88.2 | 88.9 | 90.7 | 91.6 | 91.9 | 92.7 | 93.1 | 93.2 | 93.4 | 93.5 | 93.6 | 93.8 |
| ≥ 1200 | 59.9 | 77.9 | 82.6 | 86.3 | 89.6 | 90.3 | 92.1 | 93.2 | 93.4 | 94.2 | 94.7 | 94.7 | 95.0 | 95.0 | 95.2 | 95.4 |
| ≥ 1000 | 60.1 | 78.4 | 83.2 | 86.9 | 90.4 | 91.1 | 93.0 | 94.1 | 94.4 | 95.2 | 95.7 | 95.7 | 96.0 | 96.0 | 96.2 | 96.4 |
| ≥ 900 | 60.1 | 78.5 | 83.4 | 87.1 | 90.7 | 91.4 | 93.4 | 94.5 | 94.7 | 95.6 | 96.1 | 96.1 | 96.4 | 96.4 | 96.6 | 96.8 |
| ≥ 800 | 60.2 | 78.7 | 83.5 | 87.3 | 90.9 | 91.7 | 93.7 | 94.8 | 95.1 | 96.0 | 96.5 | 96.5 | 96.8 | 96.8 | 97.0 | 97.2 |
| ≥ 700 | 60.2 | 78.7 | 83.6 | 87.4 | 91.0 | 91.8 | 93.9 | 95.0 | 95.3 | 96.3 | 96.7 | 96.8 | 97.1 | 97.2 | 97.3 | 97.5 |
| ≥ 600 | 60.2 | 78.7 | 83.6 | 87.4 | 91.1 | 91.9 | 94.0 | 95.2 | 95.5 | 96.5 | 97.0 | 97.0 | 97.3 | 97.4 | 97.6 | 97.8 |
| ≥ 500 | 60.2 | 78.7 | 83.7 | 87.5 | 91.2 | 92.0 | 94.2 | 95.4 | 95.7 | 96.7 | 97.3 | 97.3 | 97.6 | 97.7 | 97.9 | 98.1 |
| ≥ 400 | 60.2 | 78.8 | 83.7 | 87.5 | 91.3 | 92.2 | 94.4 | 95.6 | 95.9 | 97.0 | 97.6 | 97.6 | 98.0 | 98.1 | 98.3 | 98.5 |
| ≥ 300 | 60.2 | 78.8 | 83.7 | 87.6 | 91.3 | 92.2 | 94.4 | 95.7 | 96.1 | 97.2 | 97.8 | 97.9 | 98.2 | 98.4 | 98.6 | 98.8 |
| ≥ 200 | 60.2 | 78.8 | 83.7 | 87.6 | 91.4 | 92.2 | 94.5 | 95.8 | 96.1 | 97.3 | 98.0 | 98.0 | 98.5 | 98.6 | 98.9 | 99.2 |
| ≥ 100 | 60.2 | 78.8 | 83.7 | 87.6 | 91.4 | 92.2 | 94.5 | 95.8 | 96.1 | 97.3 | 98.0 | 98.1 | 98.6 | 98.7 | 99.0 | 99.5 |
| ≥ 0 | 60.2 | 78.8 | 83.7 | 87.6 | 91.4 | 92.2 | 94.5 | 95.8 | 96.1 | 97.3 | 98.0 | 98.1 | 98.6 | 98.7 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23687

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHILRD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.25 | ≥.15 | ≥.10 | ≥.05 | ≥0 |
| NO CEILING | 22.5 | 27.2 | 28.8 | 29.7 | 30.4 | 30.5 | 30.9 | 31.1 | 31.1 | 31.2 | 31.2 | 31.2 | 31.3 | 31.3 | 31.3 | 31.4 |
| ≥ 20000 | 27.2 | 32.9 | 34.7 | 35.7 | 36.7 | 36.8 | 37.3 | 37.3 | 37.5 | 37.6 | 37.7 | 37.7 | 37.7 | 37.7 | 37.8 | 37.8 |
| IV 18000 | 27.3 | 33.0 | 34.9 | 35.9 | 36.9 | 37.1 | 37.5 | 37.7 | 37.7 | 37.9 | 37.9 | 37.9 | 38.0 | 38.0 | 38.1 | 38.1 |
| IV 16000 | 27.6 | 33.4 | 35.2 | 36.3 | 37.3 | 37.4 | 37.9 | 38.1 | 38.1 | 38.2 | 38.3 | 38.3 | 38.3 | 38.3 | 38.4 | 38.4 |
| IV 14000 | 28.8 | 34.8 | 36.7 | 37.8 | 38.8 | 39.0 | 39.5 | 39.7 | 39.7 | 39.8 | 39.9 | 39.9 | 39.9 | 39.9 | 40.0 | 40.0 |
| IV 12000 | 30.2 | 36.5 | 38.6 | 39.8 | 40.9 | 41.0 | 41.6 | 41.8 | 41.8 | 42.0 | 42.0 | 42.0 | 42.1 | 42.1 | 42.2 | 42.2 |
| IV 10000 | 31.8 | 38.5 | 40.7 | 41.9 | 43.0 | 43.2 | 43.7 | 43.9 | 44.0 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.3 | 44.3 |
| IV 9000 | 32.5 | 39.3 | 41.5 | 42.7 | 43.8 | 44.0 | 44.6 | 44.8 | 44.8 | 45.0 | 45.0 | 45.0 | 45.1 | 45.1 | 45.2 | 45.2 |
| IV 8000 | 34.4 | 41.5 | 43.9 | 45.2 | 46.4 | 46.6 | 47.2 | 47.4 | 47.4 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 47.8 |
| IV 7000 | 37.1 | 44.7 | 47.2 | 48.6 | 49.9 | 50.1 | 50.7 | 51.0 | 51.0 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 | 51.4 |
| IV 6000 | 38.8 | 47.0 | 49.6 | 51.0 | 52.3 | 52.6 | 53.2 | 53.5 | 53.5 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 |
| IV 5000 | 42.4 | 51.3 | 54.1 | 55.6 | 57.1 | 57.3 | 58.0 | 58.3 | 58.3 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.8 |
| IV 4500 | 44.8 | 54.5 | 57.1 | 58.6 | 60.1 | 60.4 | 61.1 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.9 |
| IV 4000 | 48.0 | 59.1 | 62.1 | 63.7 | 65.3 | 65.6 | 66.4 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 |
| IV 3500 | 53.0 | 64.3 | 67.4 | 69.1 | 70.8 | 71.2 | 71.9 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 |
| IV 3000 | 57.7 | 70.4 | 73.7 | 75.5 | 77.3 | 77.7 | 78.6 | 78.9 | 78.9 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 |
| IV 2500 | 62.5 | 76.7 | 80.3 | 82.2 | 84.2 | 84.5 | 85.4 | 85.8 | 85.8 | 86.1 | 86.2 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 |
| IV 2000 | 66.4 | 81.9 | 85.9 | 88.0 | 90.1 | 90.5 | 91.4 | 91.8 | 91.8 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.4 | 92.5 |
| IV 1800 | 67.0 | 82.7 | 86.8 | 88.9 | 91.1 | 91.5 | 92.4 | 92.8 | 92.9 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.5 |
| IV 1500 | 68.1 | 84.4 | 88.6 | 90.9 | 93.2 | 93.6 | 94.6 | 95.0 | 95.1 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 |
| IV 1200 | 68.7 | 85.4 | 89.7 | 92.2 | 94.6 | 95.1 | 96.1 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| IV 1000 | 69.0 | 85.8 | 90.2 | 92.8 | 95.2 | 95.7 | 96.8 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 |
| IV 900 | 69.1 | 86.0 | 90.4 | 93.0 | 95.5 | 96.0 | 97.1 | 97.5 | 97.6 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 |
| IV 800 | 69.1 | 86.1 | 90.6 | 93.2 | 95.8 | 96.3 | 97.4 | 97.8 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 |
| IV 700 | 69.2 | 86.2 | 90.7 | 93.3 | 95.9 | 96.4 | 97.5 | 98.0 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 |
| IV 600 | 69.2 | 86.2 | 90.8 | 93.4 | 96.0 | 96.6 | 97.7 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 |
| IV 500 | 69.2 | 86.3 | 90.9 | 93.6 | 96.1 | 96.7 | 97.9 | 98.4 | 98.4 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 |
| IV 400 | 69.2 | 86.3 | 90.9 | 93.6 | 96.2 | 96.8 | 97.9 | 98.4 | 98.5 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 |
| IV 300 | 69.2 | 86.3 | 90.9 | 93.6 | 96.3 | 96.8 | 98.0 | 98.6 | 98.6 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 |
| IV 200 | 69.2 | 86.3 | 90.9 | 93.6 | 96.3 | 96.9 | 98.1 | 98.6 | 98.6 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 |
| IV 100 | 69.2 | 86.3 | 90.9 | 93.6 | 96.3 | 96.9 | 98.1 | 98.6 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.8 |
| IV 0 | 69.2 | 86.3 | 90.9 | 93.6 | 96.3 | 96.9 | 98.1 | 98.6 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22881

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.6 | 34.6 | 35.8 | 36.4 | 37.3 | 37.3 | 37.6 | 37.7 | 37.8 | 37.9 | 37.9 | 37.9 | 38.0 | 38.0 | 38.1 | 38.1 |
| ≥ 20000 | 34.8 | 40.7 | 42.1 | 42.9 | 43.9 | 44.0 | 44.3 | 44.5 | 44.5 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.9 | 44.9 |
| IV 18000 | 34.9 | 40.9 | 42.3 | 43.2 | 44.1 | 44.2 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.1 | 45.2 |
| IV 16000 | 35.3 | 41.3 | 42.7 | 43.6 | 44.6 | 44.7 | 45.0 | 45.2 | 45.2 | 45.4 | 45.4 | 45.4 | 45.5 | 45.5 | 45.6 | 45.6 |
| IV 14000 | 36.3 | 42.5 | 43.8 | 44.8 | 45.7 | 45.8 | 46.2 | 46.4 | 46.4 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.8 |
| IV 12000 | 37.7 | 44.1 | 45.6 | 46.6 | 47.6 | 47.7 | 48.0 | 48.2 | 48.3 | 48.4 | 48.4 | 48.5 | 48.5 | 48.5 | 48.6 | 48.7 |
| IV 10000 | 39.6 | 46.3 | 47.8 | 48.7 | 49.8 | 49.8 | 50.2 | 50.4 | 50.4 | 50.6 | 50.6 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 |
| IV 9000 | 40.6 | 47.3 | 48.9 | 49.9 | 50.9 | 51.0 | 51.4 | 51.6 | 51.6 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 52.0 |
| IV 8000 | 41.9 | 50.0 | 51.6 | 52.6 | 53.6 | 53.7 | 54.1 | 54.3 | 54.3 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 |
| IV 7000 | 45.1 | 52.6 | 54.2 | 55.3 | 56.3 | 56.4 | 56.8 | 57.1 | 57.1 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 |
| IV 6000 | 46.7 | 54.4 | 56.2 | 57.3 | 58.4 | 58.5 | 58.9 | 59.1 | 59.1 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.6 |
| IV 5000 | 50.7 | 58.9 | 60.7 | 61.9 | 63.0 | 63.1 | 63.6 | 63.8 | 63.8 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.3 |
| IV 4500 | 52.8 | 61.3 | 63.2 | 64.3 | 65.5 | 65.6 | 66.0 | 66.3 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.8 |
| IV 4000 | 56.5 | 65.7 | 67.6 | 68.9 | 70.1 | 70.2 | 70.7 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 |
| IV 3500 | 60.6 | 70.5 | 72.6 | 74.0 | 75.2 | 75.3 | 75.8 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 |
| IV 3000 | 65.1 | 75.9 | 78.2 | 79.6 | 81.0 | 81.1 | 81.6 | 81.9 | 81.9 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.4 |
| IV 2500 | 69.5 | 81.3 | 83.7 | 85.3 | 86.7 | 86.8 | 87.3 | 87.6 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.2 |
| IV 2000 | 72.8 | 85.5 | 88.1 | 89.7 | 91.2 | 91.4 | 91.9 | 92.2 | 92.2 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.7 |
| IV 1800 | 73.4 | 86.3 | 88.9 | 90.5 | 92.1 | 92.2 | 92.7 | 93.0 | 93.0 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 |
| IV 1500 | 74.5 | 87.8 | 90.5 | 92.2 | 93.8 | 94.0 | 94.5 | 94.8 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 |
| IV 1200 | 75.3 | 89.1 | 91.9 | 93.7 | 95.3 | 95.5 | 96.0 | 96.3 | 96.4 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 |
| IV 1000 | 75.7 | 89.7 | 92.6 | 94.4 | 96.1 | 96.3 | 96.9 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 |
| IV 900 | 75.9 | 90.0 | 92.9 | 94.7 | 96.5 | 96.6 | 97.3 | 97.6 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 |
| IV 800 | 76.0 | 90.2 | 93.2 | 95.1 | 96.8 | 97.0 | 97.7 | 98.0 | 98.1 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 |
| IV 700 | 76.1 | 90.4 | 93.4 | 95.3 | 97.1 | 97.3 | 97.9 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 |
| IV 600 | 76.1 | 90.6 | 93.6 | 95.5 | 97.3 | 97.5 | 98.1 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 |
| IV 500 | 76.1 | 90.6 | 93.7 | 95.6 | 97.4 | 97.6 | 98.3 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 |
| IV 400 | 76.2 | 90.7 | 93.7 | 95.7 | 97.5 | 97.7 | 98.4 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 |
| IV 300 | 76.2 | 90.7 | 93.8 | 95.7 | 97.5 | 97.8 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 |
| IV 200 | 76.2 | 90.7 | 93.8 | 95.7 | 97.5 | 97.8 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 |
| IV 100 | 76.2 | 90.7 | 93.8 | 95.7 | 97.5 | 97.8 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 |
| IV 0 | 76.2 | 90.7 | 93.8 | 95.7 | 97.5 | 97.8 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23606

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING ≥ 20000 | 27.5 | 32.2 | 33.4 | 34.2 | 35.0 | 35.1 | 35.4 | 35.6 | 35.6 | 35.7 | 35.8 | 35.8 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 18000 | 31.6 | 37.0 | 38.3 | 39.2 | 40.1 | 40.2 | 40.6 | 40.8 | 40.8 | 40.9 | 41.0 | 41.0 | 41.1 | 41.1 | 41.1 | 41.1 |
| IV 16000 | 31.8 | 37.2 | 38.5 | 39.4 | 40.3 | 40.4 | 40.8 | 41.0 | 41.0 | 41.2 | 41.2 | 41.2 | 41.3 | 41.3 | 41.3 | 41.4 |
| IV 14000 | 32.1 | 37.6 | 38.9 | 39.8 | 40.7 | 40.8 | 41.2 | 41.4 | 41.4 | 41.6 | 41.6 | 41.6 | 41.7 | 41.7 | 41.7 | 41.8 |
| IV 12000 | 33.1 | 38.7 | 40.1 | 41.0 | 41.9 | 42.0 | 42.4 | 42.6 | 42.6 | 42.8 | 42.9 | 42.9 | 42.9 | 42.9 | 43.0 | 43.0 |
| IV 10000 | 34.4 | 40.3 | 41.7 | 42.7 | 43.6 | 43.7 | 44.1 | 44.3 | 44.3 | 44.5 | 44.6 | 44.6 | 44.6 | 44.6 | 44.7 | 44.7 |
| IV 9000 | 36.1 | 42.2 | 43.7 | 44.7 | 45.6 | 45.7 | 46.1 | 46.3 | 46.4 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 |
| IV 8000 | 37.0 | 43.3 | 44.8 | 45.9 | 46.8 | 46.9 | 47.3 | 47.5 | 47.6 | 47.7 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 |
| IV 7000 | 39.1 | 45.7 | 47.2 | 48.3 | 49.3 | 49.4 | 49.8 | 50.0 | 50.0 | 50.2 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 |
| IV 6000 | 41.4 | 48.4 | 50.0 | 51.1 | 52.1 | 52.2 | 52.6 | 52.8 | 52.9 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 |
| IV 5000 | 43.4 | 50.7 | 52.4 | 53.5 | 54.4 | 54.6 | 55.0 | 55.2 | 55.3 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 |
| IV 4500 | 47.0 | 54.7 | 56.5 | 57.7 | 58.7 | 58.9 | 59.3 | 59.6 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 4000 | 49.4 | 57.4 | 59.2 | 60.4 | 61.4 | 61.6 | 62.0 | 62.3 | 62.3 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 3500 | 53.4 | 61.9 | 63.8 | 65.0 | 66.1 | 66.2 | 66.7 | 66.9 | 67.0 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 |
| IV 3000 | 57.5 | 66.4 | 68.3 | 69.6 | 70.7 | 70.8 | 71.3 | 71.6 | 71.6 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 |
| IV 2500 | 61.9 | 71.7 | 73.8 | 75.1 | 76.2 | 76.4 | 76.9 | 77.2 | 77.3 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 |
| IV 2000 | 67.0 | 78.0 | 80.1 | 81.5 | 82.7 | 82.9 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 |
| IV 1800 | 71.2 | 83.5 | 85.8 | 87.3 | 88.5 | 88.7 | 89.3 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 |
| IV 1500 | 72.3 | 84.7 | 87.1 | 88.6 | 89.9 | 90.1 | 90.7 | 91.0 | 91.1 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 |
| IV 1200 | 73.7 | 86.7 | 89.1 | 90.7 | 92.1 | 92.3 | 93.0 | 93.3 | 93.3 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1000 | 74.9 | 88.4 | 91.0 | 92.6 | 94.0 | 94.3 | 95.0 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 |
| IV 900 | 75.3 | 89.1 | 91.8 | 93.5 | 95.0 | 95.3 | 96.0 | 96.4 | 96.4 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 |
| IV 800 | 75.6 | 89.5 | 92.3 | 94.1 | 95.6 | 95.8 | 96.6 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 |
| IV 700 | 75.8 | 89.9 | 92.7 | 94.6 | 96.2 | 96.4 | 97.3 | 97.6 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| IV 600 | 75.9 | 90.1 | 93.0 | 94.9 | 96.5 | 96.8 | 97.6 | 98.0 | 98.1 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 500 | 75.9 | 90.2 | 93.1 | 95.0 | 96.7 | 97.0 | 97.9 | 98.3 | 98.3 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 |
| IV 400 | 76.0 | 90.3 | 93.2 | 95.2 | 96.9 | 97.2 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 |
| IV 300 | 76.0 | 90.3 | 93.3 | 95.2 | 97.0 | 97.3 | 98.3 | 98.7 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 |
| IV 200 | 76.0 | 90.3 | 93.3 | 95.2 | 97.0 | 97.4 | 98.4 | 98.8 | 98.9 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 |
| IV 100 | 76.0 | 90.3 | 93.3 | 95.2 | 97.0 | 97.4 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 0 | 76.0 | 90.3 | 93.3 | 95.2 | 97.0 | 97.4 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22475

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

| CEILING, FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5-16 | ≥ 1 | ≥ 0 |
| NO CEILING | 43.7 | 50.5 | 52.0 | 53.0 | 53.9 | 54.0 | 54.4 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 |
| ≥ 20000 | 47.0 | 54.2 | 55.9 | 56.8 | 57.9 | 58.0 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 18000 | 47.1 | 54.4 | 56.0 | 57.0 | 58.0 | 58.2 | 58.5 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 |
| ≥ 16000 | 47.3 | 54.6 | 56.2 | 57.2 | 58.3 | 58.4 | 58.7 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 |
| ≥ 14000 | 48.1 | 55.5 | 57.2 | 58.2 | 59.3 | 59.4 | 59.7 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 12000 | 49.0 | 56.5 | 58.1 | 59.2 | 60.3 | 60.4 | 60.7 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥ 10000 | 49.9 | 57.5 | 59.2 | 60.2 | 61.4 | 61.5 | 61.8 | 62.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 |
| ≥ 9000 | 50.5 | 58.3 | 60.0 | 61.0 | 62.1 | 62.2 | 62.6 | 62.8 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 8000 | 51.8 | 59.7 | 61.4 | 62.5 | 63.6 | 63.7 | 64.1 | 64.3 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 |
| ≥ 7000 | 53.3 | 61.4 | 63.2 | 64.2 | 65.4 | 65.5 | 65.9 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 6000 | 54.5 | 62.9 | 64.7 | 65.8 | 66.9 | 67.1 | 67.4 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 |
| ≥ 5000 | 57.2 | 65.9 | 67.8 | 68.9 | 70.1 | 70.3 | 70.6 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 |
| ≥ 4500 | 58.7 | 67.6 | 69.4 | 70.6 | 71.8 | 71.9 | 72.3 | 72.6 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 |
| ≥ 4000 | 61.2 | 70.3 | 72.2 | 73.4 | 74.6 | 74.8 | 75.2 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3500 | 63.5 | 72.9 | 74.8 | 76.0 | 77.3 | 77.4 | 77.8 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 |
| ≥ 3000 | 66.6 | 76.9 | 78.9 | 80.1 | 81.4 | 81.6 | 82.0 | 82.2 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 2500 | 69.8 | 80.6 | 82.7 | 84.0 | 85.4 | 85.5 | 85.9 | 86.2 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 |
| ≥ 2000 | 72.7 | 84.1 | 86.3 | 87.7 | 89.1 | 89.3 | 89.7 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 |
| ≥ 1800 | 73.3 | 84.9 | 87.1 | 88.5 | 89.9 | 90.1 | 90.6 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1500 | 74.4 | 86.4 | 88.6 | 90.1 | 91.6 | 91.7 | 92.2 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1200 | 75.7 | 88.2 | 90.5 | 92.0 | 93.5 | 93.7 | 94.2 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 |
| ≥ 1000 | 76.2 | 89.0 | 91.4 | 93.0 | 94.6 | 94.8 | 95.4 | 95.7 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 900 | 76.5 | 89.4 | 91.9 | 93.4 | 95.1 | 95.2 | 95.9 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 76.8 | 89.9 | 92.4 | 94.0 | 95.6 | 95.8 | 96.4 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥ 700 | 76.9 | 90.1 | 92.7 | 94.3 | 96.0 | 96.2 | 96.9 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 600 | 77.0 | 90.4 | 93.0 | 94.7 | 96.5 | 96.7 | 97.4 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 500 | 77.1 | 90.6 | 93.2 | 95.0 | 96.8 | 97.0 | 97.8 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 400 | 77.1 | 90.7 | 93.3 | 95.1 | 97.0 | 97.2 | 98.0 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 300 | 77.1 | 90.7 | 93.4 | 95.1 | 97.1 | 97.3 | 98.2 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 77.1 | 90.7 | 93.4 | 95.2 | 97.1 | 97.4 | 98.2 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 77.1 | 90.7 | 93.4 | 95.2 | 97.1 | 97.4 | 98.2 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 |
| ≥ 0 | 77.1 | 90.7 | 93.4 | 95.2 | 97.1 | 97.4 | 98.2 | 98.7 | 98.9 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23822

USAF ETAC

FORM
101-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24267
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 5/16 | ≥ 1/4 |
| NO CEILING | 34.8 | 42.9 | 45.3 | 47.0 | 48.5 | 48.8 | 49.4 | 49.7 | 49.7 | 50.0 | 50.1 | 50.1 | 50.3 | 50.3 | 50.4 | 50.4 |
| ≥ 20000 | 37.2 | 45.9 | 48.4 | 50.3 | 51.9 | 52.1 | 52.8 | 53.1 | 53.1 | 53.5 | 53.6 | 53.6 | 53.7 | 53.7 | 53.8 | 53.9 |
| ≥ 18000 | 37.4 | 46.1 | 48.7 | 50.6 | 52.2 | 52.4 | 53.1 | 53.4 | 53.4 | 53.7 | 53.8 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 |
| ≥ 16000 | 37.7 | 46.5 | 49.1 | 51.0 | 52.6 | 52.8 | 53.5 | 53.8 | 53.8 | 54.1 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.6 |
| ≥ 14000 | 38.4 | 47.4 | 50.0 | 51.9 | 53.6 | 53.8 | 54.5 | 54.8 | 54.8 | 55.1 | 55.2 | 55.2 | 55.4 | 55.4 | 55.5 | 55.6 |
| ≥ 12000 | 39.2 | 48.4 | 51.0 | 53.0 | 54.6 | 54.9 | 55.6 | 55.8 | 55.9 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.5 | 56.6 |
| ≥ 10000 | 40.1 | 49.5 | 52.2 | 54.2 | 55.8 | 56.1 | 56.8 | 57.0 | 57.1 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.8 | 57.8 |
| ≥ 9000 | 40.6 | 50.1 | 52.8 | 54.8 | 56.5 | 56.8 | 57.5 | 57.7 | 57.8 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.5 | 58.5 |
| ≥ 8000 | 42.0 | 51.8 | 54.6 | 56.6 | 58.4 | 58.6 | 59.3 | 59.6 | 59.7 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 |
| ≥ 7000 | 43.4 | 53.4 | 56.2 | 58.4 | 60.2 | 60.4 | 61.2 | 61.4 | 61.5 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.3 |
| ≥ 6000 | 44.7 | 55.0 | 57.9 | 60.1 | 61.9 | 62.1 | 62.9 | 63.2 | 63.2 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 64.0 |
| ≥ 5000 | 47.3 | 58.2 | 61.1 | 63.3 | 65.2 | 65.4 | 66.2 | 66.5 | 66.5 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 |
| ≥ 4500 | 48.8 | 60.0 | 62.9 | 65.2 | 67.0 | 67.3 | 68.1 | 68.4 | 68.4 | 68.8 | 68.9 | 68.9 | 69.0 | 69.0 | 69.1 | 69.2 |
| ≥ 4000 | 51.3 | 62.9 | 65.9 | 68.2 | 70.2 | 70.4 | 71.2 | 71.5 | 71.6 | 71.9 | 72.1 | 72.1 | 72.2 | 72.2 | 72.3 | 72.4 |
| ≥ 3500 | 53.7 | 65.8 | 68.9 | 71.3 | 73.3 | 73.6 | 74.4 | 74.7 | 74.8 | 75.1 | 75.2 | 75.2 | 75.4 | 75.4 | 75.5 | 75.6 |
| ≥ 3000 | 56.5 | 69.2 | 72.4 | 74.9 | 76.9 | 77.2 | 78.0 | 78.4 | 78.4 | 78.8 | 78.9 | 78.9 | 79.1 | 79.1 | 79.2 | 79.3 |
| ≥ 2500 | 59.5 | 73.0 | 76.3 | 78.8 | 80.9 | 81.2 | 82.1 | 82.4 | 82.5 | 82.9 | 83.0 | 83.1 | 83.2 | 83.2 | 83.3 | 83.4 |
| ≥ 2000 | 62.4 | 76.6 | 80.1 | 82.8 | 85.0 | 85.3 | 86.2 | 86.6 | 86.7 | 87.1 | 87.2 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 |
| ≥ 1800 | 63.2 | 77.6 | 81.1 | 83.9 | 86.1 | 86.4 | 87.3 | 87.7 | 87.7 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.5 | 88.6 |
| ≥ 1500 | 64.8 | 79.8 | 83.5 | 86.4 | 88.7 | 89.0 | 90.0 | 90.4 | 90.5 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 |
| ≥ 1200 | 65.9 | 81.5 | 85.3 | 88.3 | 90.7 | 91.1 | 92.2 | 92.6 | 92.6 | 93.1 | 93.2 | 93.3 | 93.4 | 93.4 | 93.5 | 93.6 |
| ≥ 1000 | 66.5 | 82.5 | 86.5 | 89.6 | 92.2 | 92.5 | 93.6 | 94.1 | 94.1 | 94.6 | 94.8 | 94.8 | 94.9 | 94.9 | 95.1 | 95.1 |
| ≥ 900 | 66.8 | 83.0 | 87.0 | 90.1 | 92.7 | 93.1 | 94.3 | 94.7 | 94.8 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 800 | 67.0 | 83.4 | 87.5 | 90.7 | 93.4 | 93.8 | 95.0 | 95.5 | 95.6 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 |
| ≥ 700 | 67.2 | 83.7 | 87.9 | 91.2 | 93.9 | 94.3 | 95.5 | 96.0 | 96.1 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.1 | 97.2 |
| ≥ 600 | 67.2 | 84.0 | 88.2 | 91.5 | 94.2 | 94.7 | 96.0 | 96.5 | 96.6 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 500 | 67.3 | 84.1 | 88.4 | 91.7 | 94.5 | 95.0 | 96.3 | 96.9 | 97.0 | 97.7 | 97.9 | 97.9 | 98.0 | 98.0 | 98.2 | 98.3 |
| ≥ 400 | 67.3 | 84.2 | 88.5 | 91.9 | 94.7 | 95.2 | 96.5 | 97.2 | 97.3 | 98.0 | 98.2 | 98.2 | 98.4 | 98.4 | 98.6 | 98.7 |
| ≥ 300 | 67.3 | 84.2 | 88.5 | 91.9 | 94.8 | 95.3 | 96.7 | 97.4 | 97.5 | 98.3 | 98.5 | 98.5 | 98.7 | 98.7 | 98.9 | 99.0 |
| ≥ 200 | 67.3 | 84.2 | 88.5 | 91.9 | 94.8 | 95.3 | 96.7 | 97.5 | 97.6 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 |
| ≥ 100 | 67.3 | 84.2 | 88.5 | 91.9 | 94.8 | 95.3 | 96.7 | 97.5 | 97.6 | 98.4 | 98.7 | 98.8 | 99.0 | 99.1 | 99.4 | 99.6 |
| ≥ 0 | 67.3 | 84.2 | 88.5 | 91.9 | 94.8 | 95.3 | 96.7 | 97.5 | 97.6 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23725

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207 MCCHORD AFB WASHINGTON/TACOMA

40-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|--------|------|--------|--------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥1/2 | ≥1/4 | ≥1/8 | ≥5/16 | ≥1/32 |
| NO CEILING | 22.2 | 32.4 | 36.1 | 39.0 | 42.3 | 43.1 | 44.9 | 45.8 | 46.0 | 47.1 | 47.6 | 47.6 | 48.0 | 48.2 | 48.4 | 48.7 |
| ≥ 20000 | 24.6 | 35.6 | 39.5 | 42.7 | 46.2 | 47.2 | 49.1 | 50.1 | 50.4 | 51.5 | 52.1 | 52.1 | 52.6 | 52.7 | 53.0 | 53.4 |
| ≥ 18000 | 24.7 | 35.8 | 39.6 | 42.8 | 46.4 | 47.3 | 49.3 | 50.3 | 50.5 | 51.7 | 52.3 | 52.3 | 52.8 | 52.9 | 53.2 | 53.6 |
| ≥ 16000 | 25.0 | 36.1 | 40.0 | 43.2 | 46.8 | 47.7 | 49.7 | 50.8 | 51.0 | 52.2 | 52.7 | 52.8 | 53.2 | 53.4 | 53.7 | 54.0 |
| ≥ 14000 | 25.5 | 36.8 | 40.7 | 44.0 | 47.6 | 48.6 | 50.6 | 51.7 | 51.9 | 53.1 | 53.6 | 53.7 | 54.1 | 54.3 | 54.6 | 54.9 |
| ≥ 12000 | 26.3 | 37.9 | 41.8 | 45.2 | 48.9 | 49.9 | 51.9 | 53.0 | 53.2 | 54.4 | 55.0 | 55.0 | 55.5 | 55.6 | 55.9 | 56.2 |
| ≥ 10000 | 27.4 | 39.3 | 43.3 | 46.7 | 50.5 | 51.5 | 53.6 | 54.7 | 54.9 | 56.1 | 56.7 | 56.7 | 57.2 | 57.3 | 57.6 | 57.9 |
| ≥ 9000 | 27.9 | 40.0 | 44.1 | 47.5 | 51.3 | 52.4 | 54.4 | 55.5 | 55.7 | 57.0 | 57.5 | 57.6 | 58.0 | 58.2 | 58.5 | 58.8 |
| ≥ 8000 | 29.3 | 41.7 | 45.9 | 49.5 | 53.4 | 54.4 | 56.5 | 57.6 | 57.8 | 59.1 | 59.6 | 59.7 | 60.2 | 60.3 | 60.6 | 60.9 |
| ≥ 7000 | 30.7 | 43.4 | 47.7 | 51.3 | 55.2 | 56.2 | 58.3 | 59.4 | 59.7 | 60.9 | 61.5 | 61.5 | 62.0 | 62.1 | 62.4 | 62.8 |
| ≥ 6000 | 31.7 | 44.7 | 49.1 | 52.7 | 56.7 | 57.7 | 59.9 | 61.0 | 61.2 | 62.4 | 63.0 | 63.1 | 63.5 | 63.7 | 64.0 | 64.3 |
| ≥ 5000 | 34.0 | 47.5 | 52.0 | 55.8 | 59.8 | 60.9 | 63.0 | 64.2 | 64.4 | 65.6 | 66.2 | 66.3 | 66.7 | 66.9 | 67.2 | 67.5 |
| ≥ 4500 | 35.4 | 49.1 | 53.6 | 57.5 | 61.6 | 62.6 | 64.8 | 66.0 | 66.2 | 67.5 | 68.0 | 68.1 | 68.6 | 68.7 | 69.0 | 69.3 |
| ≥ 4000 | 37.2 | 51.4 | 56.1 | 60.0 | 64.2 | 65.3 | 67.5 | 68.7 | 68.9 | 70.2 | 70.8 | 70.8 | 71.3 | 71.4 | 71.7 | 72.1 |
| ≥ 3500 | 39.1 | 53.8 | 58.7 | 62.7 | 67.0 | 68.1 | 70.4 | 71.6 | 71.8 | 73.1 | 73.7 | 73.8 | 74.2 | 74.4 | 74.7 | 75.0 |
| ≥ 3000 | 41.3 | 56.7 | 61.7 | 65.9 | 70.4 | 71.5 | 73.9 | 75.1 | 75.3 | 76.6 | 77.3 | 77.3 | 77.8 | 77.9 | 78.3 | 78.6 |
| ≥ 2500 | 43.8 | 60.1 | 65.3 | 69.7 | 74.4 | 75.6 | 78.1 | 79.3 | 79.6 | 80.9 | 81.6 | 81.6 | 82.1 | 82.2 | 82.6 | 82.9 |
| ≥ 2000 | 46.2 | 63.4 | 68.8 | 73.4 | 78.3 | 79.5 | 82.1 | 83.4 | 83.6 | 85.0 | 85.7 | 85.7 | 86.2 | 86.4 | 86.7 | 87.0 |
| ≥ 1800 | 46.6 | 64.0 | 69.5 | 74.1 | 79.1 | 80.3 | 82.9 | 84.2 | 84.4 | 85.8 | 86.5 | 86.6 | 87.1 | 87.2 | 87.5 | 87.9 |
| ≥ 1500 | 47.4 | 65.5 | 71.2 | 75.9 | 81.0 | 82.2 | 84.9 | 86.2 | 86.5 | 87.9 | 88.6 | 88.7 | 89.2 | 89.3 | 89.7 | 90.0 |
| ≥ 1200 | 48.0 | 66.4 | 72.2 | 77.0 | 82.3 | 83.5 | 86.4 | 87.7 | 88.0 | 89.5 | 90.2 | 90.3 | 90.8 | 90.9 | 91.3 | 91.6 |
| ≥ 1000 | 48.3 | 67.0 | 72.9 | 77.8 | 83.2 | 84.5 | 87.5 | 88.9 | 89.2 | 90.7 | 91.5 | 91.6 | 92.1 | 92.2 | 92.6 | 92.9 |
| ≥ 900 | 48.3 | 67.2 | 73.1 | 78.1 | 83.5 | 84.9 | 87.9 | 89.4 | 89.7 | 91.3 | 92.1 | 92.1 | 92.7 | 92.8 | 93.1 | 93.5 |
| ≥ 800 | 48.4 | 67.4 | 73.3 | 78.3 | 83.9 | 85.2 | 88.4 | 89.9 | 90.2 | 91.9 | 92.6 | 92.7 | 93.2 | 93.4 | 93.7 | 94.1 |
| ≥ 700 | 48.4 | 67.5 | 73.5 | 78.5 | 84.1 | 85.5 | 88.7 | 90.3 | 90.6 | 92.3 | 93.1 | 93.2 | 93.7 | 93.9 | 94.2 | 94.5 |
| ≥ 600 | 48.5 | 67.6 | 73.6 | 78.7 | 84.4 | 85.8 | 89.1 | 90.7 | 91.0 | 92.8 | 93.7 | 93.7 | 94.3 | 94.4 | 94.8 | 95.1 |
| ≥ 500 | 48.5 | 67.6 | 73.7 | 78.8 | 84.6 | 86.0 | 89.4 | 91.1 | 91.4 | 93.2 | 94.2 | 94.2 | 94.8 | 95.0 | 95.4 | 95.7 |
| ≥ 400 | 48.5 | 67.7 | 73.7 | 78.9 | 84.7 | 86.1 | 89.6 | 91.3 | 91.7 | 93.6 | 94.5 | 94.6 | 95.3 | 95.4 | 95.8 | 96.2 |
| ≥ 300 | 48.5 | 67.7 | 73.8 | 78.9 | 84.8 | 86.2 | 89.7 | 91.5 | 91.9 | 93.9 | 94.9 | 95.0 | 95.7 | 95.9 | 96.4 | 96.8 |
| ≥ 200 | 48.5 | 67.7 | 73.8 | 79.0 | 84.8 | 86.3 | 89.8 | 91.6 | 92.0 | 94.1 | 95.2 | 95.3 | 96.1 | 96.4 | 96.9 | 97.4 |
| ≥ 100 | 48.5 | 67.7 | 73.8 | 79.0 | 84.8 | 86.3 | 89.8 | 91.6 | 92.0 | 94.1 | 95.2 | 95.4 | 96.3 | 96.6 | 97.3 | 98.3 |
| ≥ 0 | 48.5 | 67.7 | 73.8 | 79.0 | 84.8 | 86.3 | 89.8 | 91.6 | 92.0 | 94.1 | 95.3 | 95.4 | 96.3 | 96.7 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22998

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSJCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 157

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 13.8 | 18.7 | 21.0 | 23.0 | 25.6 | 26.4 | 28.0 | 28.9 | 29.1 | 30.5 | 31.2 | 31.2 | 31.9 | 32.2 | 32.6 | 33.6 |
| ≥ 20000 | 16.3 | 22.2 | 24.8 | 27.0 | 30.0 | 30.8 | 32.6 | 33.8 | 34.0 | 35.6 | 36.4 | 36.8 | 37.3 | 37.6 | 38.2 | 39.1 |
| ≥ 18000 | 16.7 | 22.5 | 25.1 | 27.4 | 30.4 | 31.2 | 33.0 | 34.2 | 34.5 | 36.0 | 36.8 | 36.9 | 37.7 | 38.0 | 38.6 | 39.5 |
| ≥ 16000 | 17.1 | 23.1 | 25.7 | 28.0 | 31.0 | 31.8 | 33.7 | 34.9 | 35.1 | 36.7 | 37.5 | 37.6 | 38.4 | 38.7 | 39.3 | 40.2 |
| ≥ 14000 | 17.8 | 24.1 | 26.8 | 29.1 | 32.2 | 33.1 | 35.0 | 36.2 | 36.5 | 38.0 | 38.9 | 39.0 | 39.8 | 40.1 | 40.7 | 41.6 |
| ≥ 12000 | 18.9 | 25.6 | 28.4 | 31.0 | 34.2 | 35.1 | 37.0 | 38.3 | 38.5 | 40.1 | 41.0 | 41.1 | 41.9 | 42.3 | 42.9 | 43.8 |
| ≥ 10000 | 20.1 | 27.1 | 30.1 | 32.7 | 36.0 | 36.9 | 38.9 | 40.2 | 40.5 | 42.1 | 43.1 | 43.1 | 44.0 | 44.3 | 45.0 | 45.9 |
| ≥ 9000 | 21.0 | 28.2 | 31.2 | 33.9 | 37.2 | 38.2 | 40.3 | 41.6 | 41.9 | 43.6 | 44.5 | 44.6 | 45.4 | 45.8 | 46.4 | 47.3 |
| ≥ 8000 | 22.7 | 30.2 | 33.5 | 36.3 | 39.8 | 40.8 | 42.9 | 44.3 | 44.6 | 46.3 | 47.3 | 47.4 | 48.2 | 48.6 | 49.2 | 50.2 |
| ≥ 7000 | 24.2 | 32.3 | 35.7 | 38.6 | 42.3 | 43.3 | 45.6 | 47.0 | 47.4 | 49.1 | 50.1 | 50.2 | 51.1 | 51.4 | 52.1 | 53.0 |
| ≥ 6000 | 25.5 | 33.9 | 37.4 | 40.5 | 44.2 | 45.3 | 47.6 | 49.0 | 49.4 | 51.2 | 52.2 | 52.3 | 53.1 | 53.5 | 54.1 | 55.1 |
| ≥ 5000 | 28.3 | 37.7 | 41.5 | 44.7 | 48.6 | 49.7 | 52.1 | 53.6 | 54.0 | 55.8 | 56.8 | 56.9 | 57.8 | 58.1 | 58.8 | 59.7 |
| ≥ 4500 | 30.0 | 39.9 | 43.8 | 47.2 | 51.2 | 52.3 | 54.8 | 56.3 | 56.7 | 58.5 | 59.6 | 59.7 | 60.6 | 60.9 | 61.6 | 62.5 |
| ≥ 4000 | 32.4 | 43.3 | 47.5 | 51.1 | 55.2 | 56.3 | 58.9 | 60.5 | 60.9 | 62.8 | 63.9 | 64.0 | 64.9 | 65.2 | 65.9 | 66.8 |
| ≥ 3500 | 34.6 | 46.5 | 50.9 | 54.7 | 59.0 | 60.2 | 62.9 | 64.5 | 64.9 | 66.9 | 67.9 | 68.0 | 69.0 | 69.3 | 70.0 | 70.9 |
| ≥ 3000 | 37.1 | 50.2 | 55.0 | 59.1 | 63.7 | 64.9 | 67.7 | 69.4 | 69.8 | 71.8 | 73.0 | 73.1 | 74.0 | 74.3 | 75.0 | 75.9 |
| ≥ 2500 | 39.1 | 53.5 | 58.6 | 62.8 | 67.8 | 69.1 | 72.1 | 73.8 | 74.2 | 76.4 | 77.6 | 77.7 | 78.6 | 78.9 | 79.6 | 80.6 |
| ≥ 2000 | 40.8 | 56.3 | 61.7 | 66.2 | 71.5 | 72.9 | 76.0 | 77.9 | 78.3 | 80.5 | 81.7 | 81.8 | 82.8 | 83.1 | 83.8 | 84.7 |
| ≥ 1800 | 41.1 | 56.7 | 62.2 | 66.7 | 72.1 | 73.5 | 76.7 | 78.6 | 79.0 | 81.2 | 82.4 | 82.5 | 83.5 | 83.8 | 84.5 | 85.5 |
| ≥ 1500 | 41.7 | 57.8 | 63.4 | 68.1 | 73.8 | 75.2 | 78.5 | 80.5 | 80.9 | 83.2 | 84.4 | 84.5 | 85.5 | 85.8 | 86.5 | 87.5 |
| ≥ 1200 | 41.9 | 58.3 | 64.1 | 69.0 | 74.8 | 76.3 | 79.6 | 81.6 | 82.1 | 84.5 | 85.7 | 85.8 | 86.8 | 87.2 | 87.9 | 88.8 |
| ≥ 1000 | 42.1 | 58.7 | 64.5 | 69.5 | 75.5 | 77.1 | 80.5 | 82.6 | 83.1 | 85.5 | 86.8 | 86.9 | 88.0 | 88.3 | 89.0 | 90.0 |
| ≥ 900 | 42.2 | 58.9 | 64.7 | 69.8 | 75.8 | 77.4 | 81.0 | 83.1 | 83.5 | 86.0 | 87.3 | 87.4 | 88.5 | 88.8 | 89.5 | 90.5 |
| ≥ 800 | 42.2 | 59.0 | 64.9 | 70.0 | 76.2 | 77.8 | 81.5 | 83.6 | 84.1 | 86.6 | 88.0 | 88.1 | 89.1 | 89.5 | 90.2 | 91.2 |
| ≥ 700 | 42.3 | 59.1 | 65.1 | 70.2 | 76.5 | 78.2 | 81.9 | 84.1 | 84.6 | 87.1 | 88.5 | 88.6 | 89.7 | 90.0 | 90.8 | 91.7 |
| ≥ 600 | 42.3 | 59.2 | 65.1 | 70.3 | 76.6 | 78.4 | 82.2 | 84.4 | 84.9 | 87.5 | 88.9 | 89.0 | 90.1 | 90.5 | 91.2 | 92.2 |
| ≥ 500 | 42.3 | 59.2 | 65.2 | 70.5 | 76.8 | 78.7 | 82.6 | 84.9 | 85.4 | 88.2 | 89.8 | 89.9 | 91.0 | 91.4 | 92.2 | 93.3 |
| ≥ 400 | 42.3 | 59.2 | 65.3 | 70.5 | 76.9 | 78.8 | 82.8 | 85.1 | 85.7 | 88.6 | 90.3 | 90.4 | 91.6 | 91.9 | 92.7 | 93.8 |
| ≥ 300 | 42.3 | 59.2 | 65.3 | 70.5 | 76.9 | 78.8 | 82.9 | 85.3 | 85.9 | 88.9 | 90.7 | 90.8 | 92.1 | 92.5 | 93.4 | 94.7 |
| ≥ 200 | 42.3 | 59.2 | 65.3 | 70.5 | 76.9 | 78.8 | 83.0 | 85.4 | 86.0 | 89.1 | 91.0 | 91.2 | 92.6 | 93.1 | 94.2 | 95.8 |
| ≥ 100 | 42.3 | 59.2 | 65.3 | 70.5 | 76.9 | 78.8 | 83.0 | 85.4 | 86.0 | 89.2 | 91.1 | 91.3 | 92.8 | 93.3 | 94.6 | 97.0 |
| ≥ 0 | 42.3 | 59.2 | 65.3 | 70.5 | 76.9 | 78.8 | 83.0 | 85.4 | 86.0 | 89.2 | 91.1 | 91.3 | 92.8 | 93.4 | 94.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23724

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

NGV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-5

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 11.6 | 15.1 | 16.1 | 17.3 | 18.8 | 19.1 | 20.2 | 20.8 | 20.9 | 21.5 | 21.9 | 22.0 | 22.5 | 22.6 | 23.0 | 23.7 |
| ≥ 20000 | 14.3 | 18.6 | 19.9 | 21.3 | 23.3 | 23.7 | 25.0 | 25.7 | 25.9 | 26.7 | 27.2 | 27.3 | 27.9 | 28.0 | 28.5 | 29.3 |
| ≥ 18000 | 14.5 | 18.9 | 20.2 | 21.6 | 23.6 | 24.0 | 25.4 | 26.1 | 26.3 | 27.1 | 27.6 | 27.7 | 28.3 | 28.4 | 28.9 | 29.7 |
| ≥ 16000 | 14.9 | 19.3 | 20.7 | 22.1 | 24.1 | 24.5 | 25.9 | 26.6 | 26.8 | 27.6 | 28.2 | 28.3 | 28.9 | 29.0 | 29.5 | 30.3 |
| ≥ 14000 | 15.7 | 20.4 | 21.8 | 23.4 | 25.5 | 26.0 | 27.4 | 28.2 | 28.3 | 29.2 | 29.7 | 29.8 | 30.5 | 30.6 | 31.0 | 31.9 |
| ≥ 12000 | 16.7 | 21.7 | 23.4 | 25.1 | 27.3 | 27.8 | 29.3 | 30.2 | 30.4 | 31.3 | 31.8 | 31.9 | 32.6 | 32.7 | 33.2 | 34.0 |
| ≥ 10000 | 18.3 | 23.7 | 25.5 | 27.3 | 29.7 | 30.2 | 31.9 | 32.7 | 33.0 | 33.9 | 34.1 | 35.1 | 35.7 | 35.8 | 36.5 | 36.7 |
| ≥ 9000 | 19.0 | 24.6 | 26.4 | 28.3 | 30.8 | 31.3 | 33.0 | 33.9 | 34.1 | 35.1 | 35.7 | 35.8 | 36.5 | 36.6 | 37.1 | 37.9 |
| ≥ 8000 | 21.1 | 27.2 | 29.3 | 31.4 | 34.0 | 34.6 | 36.4 | 37.4 | 37.6 | 38.6 | 39.2 | 39.3 | 40.1 | 40.2 | 40.6 | 41.5 |
| ≥ 7000 | 23.0 | 29.7 | 31.9 | 34.1 | 36.9 | 37.5 | 39.4 | 40.4 | 40.7 | 41.7 | 42.4 | 42.5 | 43.2 | 43.3 | 43.8 | 44.7 |
| ≥ 6000 | 24.6 | 32.0 | 34.3 | 36.6 | 39.5 | 40.1 | 42.0 | 43.1 | 43.4 | 44.5 | 45.1 | 45.2 | 46.0 | 46.1 | 46.6 | 47.5 |
| ≥ 5000 | 27.7 | 36.2 | 38.8 | 41.3 | 44.3 | 45.0 | 47.0 | 48.2 | 48.5 | 49.7 | 50.4 | 50.5 | 51.3 | 51.4 | 51.9 | 52.8 |
| ≥ 4500 | 29.3 | 38.4 | 41.1 | 43.7 | 46.9 | 47.6 | 49.7 | 50.9 | 51.2 | 52.4 | 53.2 | 53.2 | 54.0 | 54.2 | 54.7 | 55.6 |
| ≥ 4000 | 31.7 | 41.8 | 44.8 | 47.7 | 51.1 | 51.8 | 54.0 | 55.3 | 55.6 | 57.0 | 57.8 | 57.9 | 58.7 | 58.8 | 59.3 | 60.2 |
| ≥ 3500 | 34.3 | 45.5 | 48.9 | 52.0 | 55.6 | 56.4 | 58.7 | 60.1 | 60.4 | 61.8 | 62.6 | 62.7 | 63.6 | 63.7 | 64.2 | 65.1 |
| ≥ 3000 | 37.1 | 49.9 | 53.6 | 57.0 | 60.9 | 61.8 | 64.3 | 65.7 | 66.1 | 67.6 | 68.5 | 68.6 | 69.4 | 69.6 | 70.1 | 71.0 |
| ≥ 2500 | 39.7 | 54.2 | 58.3 | 61.9 | 66.1 | 67.1 | 69.8 | 71.4 | 71.7 | 73.4 | 74.3 | 74.4 | 75.3 | 75.4 | 76.0 | 76.9 |
| ≥ 2000 | 41.6 | 57.7 | 62.3 | 66.2 | 70.7 | 71.8 | 74.8 | 76.5 | 76.9 | 78.7 | 79.7 | 79.8 | 80.7 | 80.9 | 81.4 | 82.3 |
| ≥ 1800 | 41.9 | 58.3 | 63.0 | 66.9 | 71.3 | 72.6 | 75.6 | 77.4 | 77.8 | 79.6 | 80.6 | 80.7 | 81.6 | 81.8 | 82.4 | 83.3 |
| ≥ 1500 | 42.5 | 59.4 | 64.4 | 68.4 | 73.2 | 74.3 | 77.5 | 79.3 | 79.7 | 81.6 | 82.6 | 82.8 | 83.7 | 83.9 | 84.4 | 85.3 |
| ≥ 1200 | 42.8 | 60.2 | 65.2 | 69.4 | 74.3 | 75.5 | 78.7 | 80.6 | 81.0 | 83.0 | 84.1 | 84.2 | 85.1 | 85.3 | 85.9 | 86.8 |
| ≥ 1000 | 43.0 | 60.6 | 65.8 | 70.1 | 75.2 | 76.4 | 79.8 | 81.7 | 82.2 | 84.3 | 85.4 | 85.5 | 86.5 | 86.7 | 87.3 | 88.2 |
| ≥ 900 | 43.1 | 60.8 | 66.1 | 70.4 | 75.3 | 76.7 | 80.2 | 82.2 | 82.6 | 84.8 | 85.8 | 86.0 | 87.0 | 87.2 | 87.7 | 88.7 |
| ≥ 800 | 43.2 | 61.0 | 66.3 | 70.7 | 75.9 | 77.1 | 80.7 | 82.7 | 83.2 | 85.4 | 86.6 | 86.7 | 87.7 | 87.9 | 88.5 | 89.4 |
| ≥ 700 | 43.2 | 61.1 | 66.5 | 70.8 | 76.2 | 77.4 | 81.0 | 83.1 | 83.6 | 85.9 | 87.0 | 87.1 | 88.2 | 88.4 | 89.0 | 89.9 |
| ≥ 600 | 43.2 | 61.3 | 66.6 | 71.1 | 76.5 | 77.8 | 81.5 | 83.7 | 84.2 | 86.5 | 87.7 | 87.9 | 89.0 | 89.2 | 89.8 | 90.7 |
| ≥ 500 | 43.3 | 61.3 | 66.7 | 71.2 | 76.7 | 78.1 | 82.0 | 84.4 | 84.9 | 87.5 | 88.8 | 88.9 | 90.1 | 90.3 | 91.0 | 91.9 |
| ≥ 400 | 43.3 | 61.4 | 66.8 | 71.4 | 76.9 | 78.3 | 82.4 | 84.9 | 85.5 | 88.2 | 89.6 | 89.8 | 91.0 | 91.3 | 92.0 | 93.0 |
| ≥ 300 | 43.3 | 61.4 | 66.8 | 71.4 | 77.0 | 78.5 | 82.6 | 85.2 | 85.9 | 88.7 | 90.2 | 90.4 | 91.8 | 92.1 | 92.9 | 94.1 |
| ≥ 200 | 43.3 | 61.4 | 66.8 | 71.4 | 77.0 | 78.5 | 82.7 | 85.4 | 86.0 | 89.0 | 90.7 | 90.9 | 92.5 | 92.9 | 93.9 | 95.5 |
| ≥ 100 | 43.3 | 61.4 | 66.8 | 71.4 | 77.0 | 78.5 | 82.7 | 85.4 | 86.1 | 89.1 | 90.8 | 91.1 | 92.8 | 93.2 | 94.5 | 96.8 |
| ≥ 0 | 43.3 | 61.4 | 66.8 | 71.4 | 77.0 | 78.5 | 82.7 | 85.4 | 86.1 | 89.1 | 90.8 | 91.1 | 92.8 | 93.3 | 94.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22957

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 9.5 | 12.8 | 13.6 | 14.5 | 15.4 | 15.5 | 16.2 | 16.6 | 16.9 | 17.4 | 17.8 | 17.8 | 18.2 | 18.3 | 18.6 | 19.3 |
| ≥ 20000 | 11.7 | 15.5 | 16.4 | 17.5 | 18.7 | 18.9 | 19.7 | 20.3 | 20.5 | 21.2 | 21.7 | 21.7 | 22.1 | 22.2 | 22.6 | 23.3 |
| ≥ 18000 | 11.7 | 15.6 | 16.5 | 17.6 | 18.9 | 19.1 | 19.8 | 20.4 | 20.7 | 21.3 | 21.8 | 21.9 | 22.3 | 22.4 | 22.7 | 23.5 |
| ≥ 16000 | 12.0 | 16.0 | 16.9 | 18.0 | 19.3 | 19.5 | 20.2 | 20.8 | 21.1 | 21.8 | 22.3 | 22.3 | 22.7 | 22.8 | 23.2 | 23.9 |
| ≥ 14000 | 12.8 | 17.0 | 18.0 | 19.2 | 20.5 | 20.7 | 21.6 | 22.2 | 22.5 | 23.2 | 23.7 | 23.8 | 24.2 | 24.3 | 24.7 | 25.4 |
| ≥ 12000 | 13.8 | 18.3 | 19.5 | 20.7 | 22.0 | 22.3 | 23.2 | 23.9 | 24.1 | 24.9 | 25.5 | 25.5 | 26.0 | 26.1 | 26.4 | 27.2 |
| ≥ 10000 | 15.3 | 20.2 | 21.4 | 22.7 | 24.1 | 24.4 | 25.3 | 26.0 | 26.3 | 27.1 | 27.7 | 27.7 | 28.2 | 28.3 | 28.7 | 29.5 |
| ≥ 9000 | 16.1 | 21.2 | 22.4 | 23.7 | 25.2 | 25.5 | 26.5 | 27.2 | 27.5 | 28.3 | 28.9 | 29.0 | 29.5 | 29.6 | 30.0 | 30.8 |
| ≥ 8000 | 17.8 | 23.4 | 24.8 | 26.2 | 27.9 | 28.2 | 29.3 | 30.0 | 30.4 | 31.3 | 31.9 | 31.9 | 32.4 | 32.6 | 33.0 | 33.8 |
| ≥ 7000 | 19.6 | 25.8 | 27.2 | 28.9 | 30.6 | 30.9 | 32.1 | 33.0 | 33.3 | 34.3 | 34.9 | 35.0 | 35.5 | 35.7 | 36.0 | 36.9 |
| ≥ 6000 | 20.9 | 27.5 | 29.1 | 30.8 | 32.7 | 33.0 | 34.2 | 35.2 | 35.5 | 36.5 | 37.2 | 37.3 | 37.8 | 37.9 | 38.3 | 39.2 |
| ≥ 5000 | 24.1 | 31.9 | 33.6 | 35.5 | 37.6 | 37.9 | 39.3 | 40.2 | 40.6 | 41.8 | 42.5 | 42.6 | 43.2 | 43.3 | 43.7 | 44.5 |
| ≥ 4500 | 25.7 | 34.1 | 36.0 | 37.9 | 40.0 | 40.4 | 41.8 | 42.8 | 43.3 | 44.5 | 45.2 | 45.3 | 45.9 | 46.0 | 46.4 | 47.3 |
| ≥ 4000 | 28.4 | 38.1 | 40.3 | 42.4 | 44.7 | 45.1 | 46.7 | 47.8 | 48.3 | 49.6 | 50.4 | 50.5 | 51.1 | 51.3 | 51.7 | 52.5 |
| ≥ 3500 | 31.4 | 42.4 | 44.9 | 47.2 | 49.7 | 50.1 | 51.9 | 53.1 | 53.6 | 55.0 | 55.9 | 55.9 | 56.6 | 56.7 | 57.2 | 58.0 |
| ≥ 3000 | 34.8 | 47.7 | 50.6 | 53.2 | 56.0 | 56.6 | 58.5 | 59.8 | 60.4 | 61.9 | 62.8 | 62.9 | 63.6 | 63.9 | 64.2 | 65.1 |
| ≥ 2500 | 38.0 | 53.2 | 56.8 | 59.7 | 62.7 | 63.4 | 65.6 | 67.0 | 67.6 | 69.3 | 70.3 | 70.4 | 71.1 | 71.3 | 71.8 | 72.7 |
| ≥ 2000 | 40.8 | 58.2 | 62.3 | 65.7 | 69.1 | 69.9 | 72.3 | 73.9 | 74.5 | 76.4 | 77.4 | 77.5 | 78.3 | 78.6 | 79.1 | 80.0 |
| ≥ 1800 | 41.3 | 59.1 | 63.3 | 66.8 | 70.3 | 71.1 | 73.6 | 75.2 | 75.8 | 77.7 | 78.8 | 78.8 | 79.7 | 79.9 | 80.4 | 81.3 |
| ≥ 1500 | 42.4 | 60.9 | 65.4 | 69.0 | 72.8 | 73.6 | 76.2 | 77.9 | 78.6 | 80.6 | 81.7 | 81.8 | 82.6 | 82.9 | 83.4 | 84.3 |
| ≥ 1200 | 42.9 | 61.9 | 66.6 | 70.4 | 74.4 | 75.3 | 78.0 | 79.8 | 80.4 | 82.5 | 83.7 | 83.7 | 84.7 | 84.9 | 85.4 | 86.3 |
| ≥ 1000 | 43.2 | 62.6 | 67.5 | 71.5 | 75.7 | 76.6 | 79.4 | 81.3 | 81.9 | 84.1 | 85.4 | 85.5 | 86.4 | 86.7 | 87.2 | 88.2 |
| ≥ 900 | 43.3 | 62.8 | 67.7 | 71.8 | 76.0 | 76.9 | 79.8 | 81.7 | 82.4 | 84.6 | 85.9 | 86.0 | 86.9 | 87.2 | 87.8 | 88.7 |
| ≥ 800 | 43.4 | 63.0 | 68.0 | 72.1 | 76.5 | 77.4 | 80.4 | 82.4 | 83.0 | 85.4 | 86.7 | 86.7 | 87.7 | 88.0 | 88.6 | 89.5 |
| ≥ 700 | 43.5 | 63.2 | 68.3 | 72.4 | 76.8 | 77.8 | 80.8 | 82.9 | 83.6 | 85.9 | 87.3 | 87.4 | 88.4 | 88.6 | 89.2 | 90.2 |
| ≥ 600 | 43.5 | 63.4 | 68.4 | 72.5 | 77.1 | 78.2 | 81.2 | 83.3 | 84.1 | 86.5 | 87.9 | 88.0 | 89.0 | 89.3 | 89.9 | 90.9 |
| ≥ 500 | 43.5 | 63.5 | 68.6 | 72.9 | 77.5 | 78.5 | 81.7 | 83.9 | 84.7 | 87.3 | 88.8 | 88.9 | 90.0 | 90.3 | 90.9 | 91.9 |
| ≥ 400 | 43.5 | 63.5 | 68.7 | 73.0 | 77.7 | 78.8 | 82.1 | 84.4 | 85.2 | 87.9 | 89.3 | 89.7 | 90.8 | 91.1 | 91.8 | 92.8 |
| ≥ 300 | 43.6 | 63.5 | 68.7 | 73.0 | 77.8 | 78.9 | 82.3 | 84.7 | 85.6 | 88.5 | 90.2 | 90.3 | 91.6 | 92.0 | 92.7 | 93.8 |
| ≥ 200 | 43.6 | 63.5 | 68.7 | 73.1 | 77.8 | 79.0 | 82.4 | 84.9 | 85.8 | 88.9 | 90.7 | 90.9 | 92.4 | 92.9 | 93.8 | 95.2 |
| ≥ 100 | 43.6 | 63.5 | 68.7 | 73.1 | 77.8 | 79.0 | 82.4 | 84.9 | 85.9 | 88.9 | 90.9 | 91.1 | 92.6 | 93.1 | 94.2 | 96.4 |
| ≥ 0 | 43.6 | 63.5 | 68.7 | 73.1 | 77.8 | 79.0 | 82.4 | 84.9 | 85.9 | 88.9 | 90.9 | 91.1 | 92.7 | 93.2 | 94.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

23713

USAF ETAC

FORM

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|-------|
| | ≥ 10 | ≥ 9 | ≥ 8 | ≥ 7 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 0 |
| NO CEILING ≥ 20000 | 12.2 | 18.0 | 19.0 | 20.2 | 21.4 | 21.6 | 22.6 | 23.2 | 23.3 | 24.2 | 24.9 | 25.0 | 25.4 | 25.6 | 25.9 | 26.6 |
| ≥ 18000 | 13.4 | 19.8 | 20.9 | 22.2 | 23.4 | 23.6 | 24.8 | 25.7 | 25.8 | 26.8 | 27.6 | 27.6 | 28.1 | 28.4 | 28.7 | 29.4 |
| ≥ 16000 | 13.5 | 19.9 | 21.0 | 22.3 | 23.5 | 23.7 | 24.9 | 25.8 | 25.9 | 26.9 | 27.7 | 27.7 | 28.2 | 28.5 | 28.8 | 29.5 |
| ≥ 14000 | 13.7 | 20.2 | 21.3 | 22.7 | 23.9 | 24.1 | 25.3 | 26.2 | 26.3 | 27.3 | 28.1 | 28.1 | 28.6 | 28.9 | 29.2 | 29.9 |
| ≥ 12000 | 14.0 | 20.6 | 21.8 | 23.1 | 24.3 | 24.6 | 25.9 | 26.7 | 26.8 | 27.9 | 28.7 | 28.7 | 29.2 | 29.5 | 29.8 | 30.5 |
| ≥ 10000 | 14.4 | 21.3 | 22.5 | 23.9 | 25.2 | 25.5 | 26.8 | 27.6 | 27.7 | 28.8 | 29.6 | 29.7 | 30.2 | 30.4 | 30.7 | 31.5 |
| ≥ 8000 | 15.1 | 22.4 | 23.6 | 25.1 | 26.5 | 26.8 | 28.1 | 29.0 | 29.1 | 30.3 | 31.1 | 31.1 | 31.7 | 32.0 | 32.3 | 33.1 |
| ≥ 7000 | 15.9 | 23.3 | 24.6 | 26.2 | 27.7 | 28.0 | 29.4 | 30.3 | 30.4 | 31.6 | 32.4 | 32.5 | 33.1 | 33.3 | 33.6 | 34.5 |
| ≥ 6000 | 17.5 | 25.2 | 26.6 | 28.3 | 29.8 | 30.1 | 31.5 | 32.4 | 32.5 | 33.8 | 34.6 | 34.6 | 35.3 | 35.5 | 35.9 | 36.7 |
| ≥ 5000 | 18.8 | 27.5 | 28.9 | 30.7 | 32.4 | 32.7 | 34.2 | 35.2 | 35.3 | 36.6 | 37.4 | 37.5 | 38.1 | 38.4 | 38.7 | 39.5 |
| ≥ 4500 | 19.9 | 29.0 | 30.4 | 32.4 | 34.1 | 34.4 | 35.9 | 36.9 | 37.0 | 38.4 | 39.3 | 39.3 | 40.0 | 40.2 | 40.6 | 41.4 |
| ≥ 4000 | 22.6 | 32.7 | 34.3 | 36.4 | 38.5 | 38.8 | 40.4 | 41.5 | 41.6 | 43.1 | 44.0 | 44.1 | 44.7 | 45.0 | 45.3 | 46.1 |
| ≥ 3500 | 24.2 | 35.1 | 36.8 | 39.0 | 41.0 | 41.3 | 43.1 | 44.2 | 44.3 | 45.9 | 46.8 | 46.9 | 47.5 | 47.7 | 48.1 | 48.9 |
| ≥ 3000 | 26.9 | 39.4 | 41.4 | 43.8 | 45.9 | 46.3 | 48.2 | 49.3 | 49.4 | 51.1 | 51.9 | 52.0 | 52.7 | 52.9 | 53.4 | 54.2 |
| ≥ 2500 | 29.7 | 43.6 | 46.0 | 48.5 | 50.7 | 51.2 | 53.2 | 54.5 | 54.6 | 56.3 | 57.2 | 57.3 | 58.0 | 58.3 | 58.8 | 59.6 |
| ≥ 2000 | 32.4 | 48.3 | 51.1 | 53.9 | 56.4 | 57.0 | 59.1 | 60.5 | 60.6 | 62.6 | 63.7 | 63.9 | 64.7 | 65.0 | 65.6 | 66.4 |
| ≥ 1800 | 34.9 | 53.3 | 56.7 | 59.6 | 62.4 | 63.1 | 65.4 | 67.0 | 67.1 | 69.4 | 70.6 | 70.8 | 71.6 | 72.0 | 72.6 | 73.4 |
| ≥ 1600 | 37.5 | 58.5 | 62.6 | 65.7 | 68.6 | 69.5 | 72.1 | 73.8 | 73.9 | 76.3 | 77.6 | 77.8 | 78.7 | 79.2 | 79.7 | 80.5 |
| ≥ 1400 | 38.1 | 59.4 | 63.6 | 66.9 | 69.7 | 70.7 | 73.2 | 74.9 | 75.1 | 77.5 | 78.8 | 79.0 | 79.9 | 80.3 | 80.9 | 81.7 |
| ≥ 1200 | 38.4 | 60.8 | 65.5 | 69.0 | 72.1 | 73.1 | 75.7 | 77.6 | 77.8 | 80.3 | 81.5 | 81.7 | 82.6 | 83.1 | 83.7 | 84.5 |
| ≥ 1000 | 38.8 | 61.7 | 66.6 | 70.2 | 73.4 | 74.4 | 77.2 | 79.2 | 79.5 | 82.0 | 83.3 | 83.5 | 84.4 | 84.9 | 85.5 | 86.3 |
| ≥ 900 | 39.2 | 62.2 | 67.1 | 71.1 | 74.5 | 75.6 | 78.5 | 80.7 | 81.0 | 83.6 | 85.0 | 85.2 | 86.1 | 86.6 | 87.2 | 88.0 |
| ≥ 800 | 39.3 | 62.3 | 67.3 | 71.3 | 74.8 | 75.9 | 78.9 | 81.1 | 81.4 | 84.0 | 85.4 | 85.6 | 86.5 | 87.0 | 87.6 | 88.4 |
| ≥ 700 | 39.5 | 62.7 | 67.6 | 71.6 | 75.2 | 76.4 | 79.5 | 81.9 | 82.2 | 85.0 | 86.3 | 86.5 | 87.5 | 88.0 | 88.6 | 89.5 |
| ≥ 600 | 39.5 | 62.7 | 67.6 | 71.6 | 75.2 | 76.4 | 79.5 | 81.9 | 82.2 | 85.0 | 86.3 | 86.5 | 87.5 | 88.0 | 88.6 | 89.5 |
| ≥ 500 | 39.5 | 62.8 | 67.8 | 71.8 | 75.6 | 76.8 | 79.9 | 82.5 | 82.8 | 85.7 | 87.2 | 87.4 | 88.4 | 89.0 | 89.6 | 90.4 |
| ≥ 400 | 39.5 | 62.8 | 67.9 | 72.1 | 76.0 | 77.3 | 80.7 | 83.4 | 83.7 | 86.8 | 88.4 | 88.7 | 90.0 | 90.6 | 91.4 | 92.2 |
| ≥ 300 | 39.5 | 62.9 | 68.0 | 72.1 | 76.1 | 77.4 | 80.9 | 83.6 | 84.0 | 87.2 | 89.0 | 89.2 | 90.6 | 91.3 | 92.1 | 92.9 |
| ≥ 200 | 39.5 | 62.9 | 68.0 | 72.1 | 76.1 | 77.4 | 80.9 | 83.6 | 84.0 | 87.2 | 89.0 | 89.2 | 90.6 | 91.3 | 92.1 | 92.9 |
| ≥ 100 | 39.5 | 62.9 | 68.0 | 72.1 | 76.1 | 77.4 | 81.0 | 83.7 | 84.3 | 87.8 | 89.9 | 90.3 | 91.9 | 92.7 | 94.1 | 95.7 |
| ≥ 0 | 29.5 | 62.9 | 68.0 | 72.1 | 76.1 | 77.4 | 81.0 | 83.7 | 84.3 | 87.8 | 89.9 | 90.3 | 91.9 | 92.8 | 94.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2951

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .2 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 11.6 | 18.4 | 19.1 | 20.1 | 21.2 | 21.3 | 22.1 | 22.6 | 22.7 | 23.0 | 23.3 | 23.3 | 23.5 | 23.7 | 24.0 | 24.5 |
| ≥ 20000 | 12.8 | 20.4 | 21.3 | 22.5 | 23.2 | 23.8 | 24.6 | 25.2 | 25.3 | 25.7 | 26.0 | 26.0 | 26.2 | 26.5 | 26.8 | 27.3 |
| ≥ 18000 | 12.9 | 20.4 | 21.3 | 22.5 | 23.6 | 23.9 | 24.6 | 25.2 | 25.3 | 25.7 | 26.0 | 26.0 | 26.3 | 26.5 | 26.8 | 27.4 |
| ≥ 16000 | 13.1 | 20.7 | 21.6 | 22.8 | 23.9 | 24.2 | 24.9 | 25.5 | 25.6 | 26.0 | 26.3 | 26.3 | 26.6 | 26.8 | 27.1 | 27.6 |
| ≥ 14000 | 13.2 | 21.0 | 22.1 | 23.2 | 24.4 | 24.7 | 25.4 | 26.0 | 26.1 | 26.6 | 26.9 | 26.9 | 27.2 | 27.4 | 27.7 | 28.2 |
| ≥ 12000 | 13.8 | 22.1 | 23.3 | 24.5 | 25.7 | 26.1 | 26.8 | 27.4 | 27.5 | 28.0 | 28.3 | 28.3 | 28.6 | 28.8 | 29.2 | 29.7 |
| ≥ 10000 | 14.9 | 23.4 | 24.6 | 25.9 | 27.2 | 27.6 | 28.4 | 29.1 | 29.2 | 29.7 | 30.0 | 30.0 | 30.3 | 30.6 | 30.9 | 31.4 |
| ≥ 9000 | 15.5 | 24.1 | 25.3 | 26.7 | 28.0 | 28.4 | 29.2 | 30.1 | 30.2 | 30.6 | 31.0 | 31.0 | 31.3 | 31.6 | 32.0 | 32.5 |
| ≥ 8000 | 17.0 | 26.5 | 27.8 | 29.3 | 30.6 | 31.0 | 31.9 | 32.8 | 32.9 | 33.3 | 33.7 | 33.7 | 34.0 | 34.4 | 34.7 | 35.3 |
| ≥ 7000 | 18.7 | 28.9 | 30.4 | 31.9 | 33.4 | 33.8 | 34.7 | 35.6 | 35.7 | 36.2 | 36.6 | 36.6 | 36.9 | 37.3 | 37.6 | 38.2 |
| ≥ 6000 | 20.4 | 30.9 | 32.5 | 34.2 | 35.7 | 36.1 | 37.1 | 37.9 | 38.1 | 38.6 | 39.1 | 39.1 | 39.4 | 39.8 | 40.2 | 40.7 |
| ≥ 5000 | 22.7 | 34.1 | 35.9 | 37.8 | 39.4 | 39.9 | 41.0 | 42.0 | 42.1 | 42.7 | 43.2 | 43.2 | 43.5 | 43.9 | 44.3 | 44.8 |
| ≥ 4500 | 24.5 | 36.4 | 38.4 | 40.3 | 42.0 | 42.6 | 43.8 | 44.8 | 45.0 | 45.6 | 46.1 | 46.1 | 46.4 | 46.8 | 47.2 | 47.8 |
| ≥ 4000 | 26.7 | 39.6 | 41.9 | 44.1 | 46.0 | 46.7 | 48.1 | 49.1 | 49.3 | 50.1 | 50.7 | 50.7 | 51.1 | 51.4 | 51.8 | 52.4 |
| ≥ 3500 | 30.1 | 44.7 | 47.2 | 49.9 | 51.6 | 52.3 | 53.8 | 55.0 | 55.2 | 56.0 | 56.6 | 56.6 | 57.1 | 57.5 | 57.9 | 58.5 |
| ≥ 3000 | 32.4 | 48.0 | 51.9 | 54.3 | 56.7 | 57.6 | 59.1 | 60.4 | 60.6 | 61.5 | 62.1 | 62.1 | 62.7 | 63.1 | 63.6 | 64.1 |
| ≥ 2500 | 35.1 | 54.1 | 57.8 | 60.5 | 63.1 | 64.2 | 65.9 | 67.3 | 67.6 | 68.7 | 69.4 | 69.4 | 70.0 | 70.4 | 71.0 | 71.5 |
| ≥ 2000 | 37.9 | 59.3 | 63.8 | 66.8 | 70.0 | 71.1 | 73.2 | 74.7 | 75.0 | 76.1 | 76.9 | 76.9 | 77.7 | 78.3 | 78.8 | 79.4 |
| ≥ 1800 | 38.1 | 60.1 | 64.5 | 67.8 | 71.2 | 72.3 | 74.4 | 76.0 | 76.2 | 77.4 | 78.3 | 78.3 | 79.2 | 79.7 | 80.3 | 80.9 |
| ≥ 1500 | 38.7 | 61.7 | 65.4 | 70.0 | 73.5 | 74.8 | 77.0 | 78.5 | 78.8 | 80.1 | 80.9 | 80.9 | 81.8 | 82.4 | 82.9 | 83.5 |
| ≥ 1200 | 39.2 | 62.8 | 67.6 | 71.5 | 75.0 | 76.3 | 78.7 | 80.3 | 80.5 | 82.0 | 82.8 | 82.8 | 83.7 | 84.3 | 84.9 | 85.5 |
| ≥ 1000 | 39.5 | 63.3 | 68.3 | 72.4 | 76.1 | 77.3 | 79.9 | 81.6 | 81.9 | 83.4 | 84.4 | 84.4 | 85.3 | 85.8 | 86.5 | 87.1 |
| ≥ 900 | 39.6 | 63.5 | 68.6 | 72.7 | 76.4 | 77.7 | 80.3 | 82.2 | 82.5 | 84.1 | 85.1 | 85.1 | 86.0 | 86.6 | 87.2 | 87.8 |
| ≥ 800 | 39.7 | 63.7 | 68.8 | 73.0 | 76.8 | 78.1 | 80.8 | 82.8 | 83.1 | 84.8 | 85.8 | 85.8 | 86.7 | 87.3 | 87.9 | 88.5 |
| ≥ 700 | 40.0 | 64.0 | 69.2 | 73.4 | 77.2 | 78.6 | 81.4 | 83.5 | 83.9 | 85.5 | 86.6 | 86.6 | 87.5 | 88.0 | 88.7 | 89.3 |
| ≥ 600 | 40.0 | 64.1 | 69.3 | 73.5 | 77.4 | 78.8 | 81.6 | 83.9 | 84.3 | 86.1 | 87.1 | 87.1 | 88.0 | 88.6 | 89.3 | 89.9 |
| ≥ 500 | 40.0 | 64.1 | 69.4 | 73.6 | 77.7 | 79.1 | 82.0 | 84.4 | 84.9 | 86.9 | 87.9 | 87.9 | 88.9 | 89.6 | 90.4 | 90.9 |
| ≥ 400 | 40.0 | 64.2 | 69.4 | 73.7 | 77.8 | 79.3 | 82.2 | 84.8 | 85.4 | 87.4 | 88.4 | 88.4 | 89.5 | 90.2 | 91.1 | 91.7 |
| ≥ 300 | 40.0 | 64.2 | 69.5 | 73.8 | 78.0 | 79.5 | 82.4 | 85.2 | 86.0 | 88.1 | 89.2 | 89.2 | 90.2 | 91.0 | 92.0 | 92.6 |
| ≥ 200 | 40.0 | 64.2 | 69.5 | 73.8 | 78.0 | 79.5 | 82.4 | 85.3 | 86.1 | 88.5 | 89.6 | 89.7 | 90.9 | 91.8 | 93.1 | 93.8 |
| ≥ 100 | 40.0 | 64.2 | 69.5 | 73.8 | 78.0 | 79.5 | 82.5 | 85.4 | 86.1 | 88.5 | 89.8 | 89.9 | 91.4 | 92.3 | 93.9 | 95.2 |
| ≥ 0 | 40.0 | 64.2 | 69.5 | 73.8 | 78.0 | 79.5 | 82.5 | 85.4 | 86.1 | 88.5 | 89.8 | 89.9 | 91.4 | 92.4 | 94.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
JSAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING ≥ 20000 | 10.5 | 15.0 | 15.9 | 16.7 | 17.4 | 17.5 | 18.2 | 18.6 | 18.7 | 19.0 | 19.2 | 19.2 | 19.4 | 19.6 | 19.9 | 20.2 |
| ≥ 8000 | 11.9 | 16.8 | 18.0 | 19.0 | 19.9 | 20.0 | 20.8 | 21.4 | 21.4 | 22.0 | 22.3 | 22.3 | 22.6 | 22.8 | 23.1 | 23.6 |
| ≥ 16000 | 11.9 | 16.8 | 18.0 | 19.0 | 19.9 | 20.0 | 20.8 | 21.4 | 21.4 | 22.0 | 22.3 | 22.3 | 22.6 | 22.8 | 23.1 | 23.6 |
| ≥ 14000 | 12.2 | 17.2 | 18.4 | 19.4 | 20.3 | 20.5 | 21.3 | 21.9 | 21.9 | 22.5 | 22.8 | 22.8 | 23.2 | 23.4 | 23.7 | 24.1 |
| ≥ 12000 | 13.0 | 18.3 | 19.7 | 20.7 | 21.7 | 21.9 | 22.7 | 23.4 | 23.5 | 24.1 | 24.4 | 24.5 | 24.8 | 25.0 | 25.3 | 25.8 |
| ≥ 10000 | 14.0 | 19.7 | 21.1 | 22.1 | 23.3 | 23.5 | 24.4 | 25.1 | 25.2 | 25.9 | 26.3 | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 |
| ≥ 9000 | 15.3 | 21.4 | 22.8 | 23.8 | 25.1 | 25.3 | 26.3 | 27.0 | 27.1 | 27.8 | 28.2 | 28.3 | 28.7 | 28.9 | 29.2 | 29.7 |
| ≥ 8000 | 15.9 | 22.1 | 23.6 | 24.7 | 26.0 | 26.3 | 27.4 | 28.1 | 28.2 | 29.1 | 29.4 | 29.6 | 30.0 | 30.1 | 30.5 | 31.0 |
| ≥ 7000 | 17.5 | 24.3 | 25.8 | 27.0 | 28.4 | 28.7 | 30.1 | 30.8 | 30.9 | 31.8 | 32.2 | 32.3 | 32.7 | 32.9 | 33.2 | 33.7 |
| ≥ 6000 | 18.8 | 26.0 | 27.6 | 28.9 | 30.4 | 30.7 | 32.2 | 33.0 | 33.2 | 34.0 | 34.5 | 34.6 | 35.0 | 35.2 | 35.6 | 36.1 |
| ≥ 5000 | 20.0 | 27.5 | 29.2 | 30.5 | 32.1 | 32.4 | 34.0 | 35.0 | 35.2 | 36.0 | 36.6 | 36.7 | 37.2 | 37.3 | 37.7 | 38.2 |
| ≥ 4500 | 23.1 | 31.6 | 33.5 | 34.9 | 36.7 | 37.0 | 38.7 | 39.9 | 40.0 | 40.9 | 41.5 | 41.6 | 42.1 | 42.3 | 42.7 | 43.2 |
| ≥ 4000 | 24.8 | 33.7 | 35.8 | 37.2 | 39.0 | 39.3 | 41.2 | 42.3 | 42.5 | 43.4 | 43.9 | 44.1 | 44.6 | 44.7 | 45.1 | 45.7 |
| ≥ 3500 | 27.6 | 37.8 | 40.3 | 41.9 | 44.0 | 44.3 | 46.2 | 47.5 | 47.8 | 49.1 | 49.6 | 49.8 | 50.3 | 50.4 | 50.8 | 51.4 |
| ≥ 3000 | 30.4 | 42.5 | 45.5 | 47.4 | 49.6 | 50.1 | 52.1 | 53.5 | 53.8 | 55.3 | 55.9 | 56.0 | 56.6 | 56.8 | 57.2 | 57.8 |
| ≥ 2500 | 32.6 | 46.6 | 49.9 | 52.1 | 54.7 | 55.2 | 57.5 | 59.1 | 59.4 | 61.0 | 61.6 | 61.8 | 62.3 | 62.5 | 63.0 | 63.6 |
| ≥ 2000 | 35.4 | 51.5 | 55.2 | 57.9 | 60.6 | 61.3 | 64.0 | 65.6 | 65.9 | 67.7 | 68.4 | 68.6 | 69.2 | 69.4 | 69.9 | 70.5 |
| ≥ 1800 | 38.1 | 56.5 | 60.5 | 63.8 | 67.1 | 67.8 | 70.9 | 72.6 | 73.0 | 74.8 | 75.6 | 75.8 | 76.5 | 76.8 | 77.3 | 77.9 |
| ≥ 1500 | 38.7 | 57.5 | 61.8 | 65.2 | 68.6 | 69.3 | 72.4 | 74.2 | 74.6 | 76.5 | 77.4 | 77.6 | 78.2 | 78.3 | 79.0 | 79.6 |
| ≥ 1200 | 39.8 | 59.6 | 64.2 | 67.8 | 71.7 | 72.4 | 75.7 | 77.6 | 77.9 | 79.9 | 80.7 | 80.9 | 81.5 | 81.8 | 82.3 | 83.0 |
| ≥ 1000 | 40.5 | 61.0 | 65.7 | 69.6 | 73.6 | 74.5 | 77.9 | 79.9 | 80.3 | 82.2 | 83.1 | 83.3 | 83.9 | 84.2 | 84.7 | 85.4 |
| ≥ 900 | 40.9 | 61.6 | 66.4 | 70.4 | 74.5 | 75.4 | 78.8 | 80.9 | 81.3 | 83.4 | 84.4 | 84.6 | 85.4 | 85.7 | 86.2 | 86.8 |
| ≥ 800 | 41.0 | 61.7 | 66.5 | 70.5 | 74.7 | 75.6 | 79.1 | 81.2 | 81.6 | 83.8 | 84.8 | 85.0 | 85.7 | 86.0 | 86.6 | 87.2 |
| ≥ 700 | 41.2 | 62.1 | 66.9 | 71.1 | 75.3 | 76.3 | 79.9 | 82.1 | 82.5 | 84.7 | 85.7 | 85.9 | 86.7 | 87.0 | 87.7 | 88.3 |
| ≥ 600 | 41.4 | 62.4 | 67.2 | 71.6 | 75.8 | 76.8 | 80.6 | 82.8 | 83.2 | 85.5 | 86.6 | 86.8 | 87.6 | 88.0 | 88.6 | 89.3 |
| ≥ 500 | 41.4 | 62.4 | 67.3 | 71.7 | 76.0 | 77.0 | 80.8 | 83.1 | 83.5 | 85.9 | 87.0 | 87.2 | 88.1 | 88.5 | 89.1 | 89.8 |
| ≥ 400 | 41.5 | 62.5 | 67.5 | 71.9 | 76.4 | 77.4 | 81.4 | 83.8 | 84.3 | 86.9 | 88.2 | 88.4 | 89.5 | 89.8 | 90.6 | 91.3 |
| ≥ 300 | 41.5 | 62.5 | 67.6 | 72.0 | 76.6 | 77.7 | 81.8 | 84.3 | 84.8 | 87.6 | 88.9 | 89.1 | 90.2 | 90.6 | 91.4 | 92.1 |
| ≥ 200 | 41.5 | 62.6 | 67.6 | 72.1 | 76.7 | 77.9 | 82.0 | 84.7 | 85.4 | 88.4 | 90.0 | 90.3 | 91.5 | 92.1 | 93.1 | 94.1 |
| ≥ 100 | 41.5 | 62.6 | 67.6 | 72.1 | 76.7 | 77.9 | 82.0 | 84.7 | 85.4 | 88.4 | 90.0 | 90.3 | 91.5 | 92.1 | 93.1 | 94.1 |
| ≥ 0 | 41.5 | 62.6 | 67.6 | 72.1 | 76.7 | 77.9 | 82.0 | 84.7 | 85.4 | 88.4 | 90.0 | 90.3 | 91.5 | 92.3 | 93.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2963

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.3 | ≥.25 | ≥.2 | ≥.15 | ≥.1 | ≥0 |
| NO CEILING | 9.1 | 11.4 | 12.2 | 12.6 | 13.4 | 13.5 | 13.8 | 14.0 | 14.1 | 14.3 | 14.4 | 14.4 | 14.6 | 14.6 | 14.7 | 14.9 |
| ≥ 20000 | 12.2 | 15.0 | 16.2 | 16.9 | 18.2 | 18.4 | 19.0 | 19.5 | 19.6 | 20.0 | 20.1 | 20.1 | 20.3 | 20.3 | 20.4 | 20.8 |
| IV 18000 | 12.4 | 15.2 | 16.5 | 17.2 | 18.5 | 18.7 | 19.3 | 19.7 | 19.8 | 20.2 | 20.3 | 20.4 | 20.5 | 20.5 | 20.6 | 21.1 |
| IV 16000 | 13.0 | 15.9 | 17.2 | 18.0 | 19.2 | 19.5 | 20.1 | 20.5 | 20.7 | 21.1 | 21.2 | 21.3 | 21.4 | 21.4 | 21.5 | 22.0 |
| IV 14000 | 14.3 | 17.6 | 18.8 | 19.8 | 21.0 | 21.3 | 22.1 | 22.5 | 22.7 | 23.2 | 23.4 | 23.4 | 23.6 | 23.6 | 23.7 | 24.2 |
| IV 12000 | 15.6 | 19.1 | 20.5 | 21.5 | 23.0 | 23.2 | 24.3 | 24.8 | 25.0 | 25.6 | 25.8 | 25.9 | 26.1 | 26.1 | 26.3 | 26.8 |
| IV 10000 | 17.2 | 20.9 | 22.4 | 23.4 | 25.1 | 25.4 | 26.5 | 26.9 | 27.1 | 27.8 | 28.1 | 28.1 | 28.4 | 28.4 | 28.6 | 29.1 |
| IV 9000 | 18.0 | 21.9 | 23.4 | 24.5 | 26.4 | 26.7 | 27.9 | 28.5 | 28.7 | 29.4 | 29.7 | 29.7 | 30.1 | 30.1 | 30.2 | 30.7 |
| IV 8000 | 19.9 | 23.9 | 25.6 | 26.8 | 28.7 | 29.1 | 30.5 | 31.2 | 31.4 | 32.1 | 32.4 | 32.5 | 32.8 | 32.8 | 32.9 | 33.5 |
| IV 7000 | 21.0 | 25.5 | 27.3 | 28.8 | 30.8 | 31.2 | 32.6 | 33.5 | 33.7 | 34.6 | 34.9 | 34.9 | 35.3 | 35.3 | 35.5 | 36.0 |
| IV 6000 | 22.2 | 26.9 | 28.8 | 30.3 | 32.4 | 32.9 | 34.5 | 35.4 | 35.6 | 36.5 | 36.8 | 36.9 | 37.3 | 37.3 | 37.4 | 37.9 |
| IV 5000 | 25.2 | 30.5 | 32.7 | 34.4 | 36.6 | 37.1 | 38.8 | 39.8 | 40.0 | 41.0 | 41.3 | 41.4 | 41.8 | 41.8 | 42.0 | 42.5 |
| IV 4500 | 26.7 | 32.1 | 34.5 | 36.3 | 38.7 | 39.2 | 40.9 | 41.9 | 42.1 | 43.1 | 43.5 | 43.6 | 44.0 | 44.0 | 44.2 | 44.8 |
| IV 4000 | 29.9 | 36.3 | 38.9 | 41.0 | 43.6 | 44.1 | 46.2 | 47.5 | 47.8 | 49.0 | 49.4 | 49.5 | 49.9 | 49.9 | 50.1 | 50.6 |
| IV 3500 | 32.5 | 40.2 | 43.1 | 45.4 | 48.3 | 48.8 | 51.3 | 52.7 | 53.0 | 54.4 | 54.9 | 55.0 | 55.4 | 55.4 | 55.6 | 56.2 |
| IV 3000 | 35.3 | 44.7 | 47.8 | 50.4 | 53.5 | 54.1 | 56.7 | 58.5 | 58.8 | 60.3 | 60.9 | 60.9 | 61.4 | 61.4 | 61.6 | 62.2 |
| IV 2500 | 38.2 | 49.4 | 52.9 | 56.0 | 59.4 | 60.3 | 63.5 | 65.4 | 65.9 | 67.4 | 68.2 | 68.2 | 68.9 | 68.9 | 69.1 | 69.7 |
| IV 2000 | 41.1 | 54.3 | 58.6 | 62.5 | 66.5 | 67.7 | 71.5 | 73.6 | 74.1 | 75.7 | 76.5 | 76.6 | 77.3 | 77.3 | 77.5 | 78.1 |
| IV 1800 | 41.6 | 55.2 | 59.5 | 63.5 | 67.7 | 68.8 | 72.7 | 74.8 | 75.3 | 77.0 | 77.8 | 77.9 | 78.7 | 78.7 | 78.9 | 79.5 |
| IV 1500 | 42.5 | 57.0 | 61.8 | 66.2 | 70.7 | 71.9 | 75.9 | 78.1 | 78.7 | 80.5 | 81.4 | 81.5 | 82.3 | 82.3 | 82.5 | 83.1 |
| IV 1200 | 43.2 | 58.5 | 63.5 | 68.1 | 72.8 | 74.1 | 78.2 | 80.5 | 81.0 | 82.9 | 83.8 | 83.9 | 84.6 | 84.7 | 84.9 | 85.5 |
| IV 1000 | 43.6 | 59.3 | 64.4 | 69.1 | 74.1 | 75.3 | 79.7 | 82.0 | 82.6 | 84.8 | 85.8 | 85.9 | 86.8 | 86.8 | 87.1 | 87.7 |
| IV 900 | 43.8 | 59.5 | 64.6 | 69.4 | 74.3 | 75.6 | 80.0 | 82.4 | 82.9 | 85.2 | 86.2 | 86.3 | 87.2 | 87.3 | 87.5 | 88.1 |
| IV 800 | 43.9 | 59.8 | 64.9 | 69.7 | 74.8 | 76.1 | 80.5 | 82.9 | 83.5 | 85.9 | 86.9 | 87.1 | 88.1 | 88.2 | 88.5 | 89.1 |
| IV 700 | 44.0 | 60.1 | 65.3 | 70.1 | 75.3 | 76.7 | 81.3 | 83.7 | 84.3 | 86.7 | 87.9 | 88.0 | 89.1 | 89.1 | 89.3 | 90.1 |
| IV 600 | 44.0 | 60.3 | 65.5 | 70.4 | 75.7 | 77.2 | 81.8 | 84.2 | 84.9 | 87.3 | 88.5 | 88.6 | 89.7 | 89.8 | 90.3 | 90.9 |
| IV 500 | 44.0 | 60.3 | 65.6 | 70.5 | 75.9 | 77.4 | 82.0 | 84.5 | 85.2 | 87.8 | 89.0 | 89.2 | 90.6 | 90.7 | 91.4 | 92.0 |
| IV 400 | 44.0 | 60.3 | 65.6 | 70.5 | 75.9 | 77.5 | 82.1 | 84.6 | 85.3 | 88.1 | 89.4 | 89.6 | 91.1 | 91.3 | 91.9 | 92.6 |
| IV 300 | 44.0 | 60.3 | 65.7 | 70.6 | 76.1 | 77.6 | 82.2 | 84.8 | 85.6 | 88.7 | 90.2 | 90.4 | 91.9 | 92.2 | 93.1 | 94.0 |
| IV 200 | 44.0 | 60.3 | 65.7 | 70.6 | 76.1 | 77.6 | 82.2 | 84.9 | 85.7 | 88.8 | 90.5 | 90.8 | 92.4 | 92.8 | 93.8 | 94.7 |
| IV 100 | 44.0 | 60.3 | 65.7 | 70.6 | 76.1 | 77.6 | 82.2 | 84.9 | 85.7 | 88.8 | 90.5 | 90.8 | 92.5 | 93.0 | 94.1 | 96.1 |
| IV 0 | 44.0 | 60.3 | 65.7 | 70.6 | 76.1 | 77.6 | 82.2 | 84.9 | 85.7 | 88.8 | 90.5 | 90.8 | 92.5 | 93.0 | 94.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2956

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS L.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1½ | ≥1½ | ≥1 | ≥¾ | ≥¾ | ≥¾ | ≥5-10 | ≥4 | ≥0 |
| NO CEILING | 9.7 | 11.7 | 12.6 | 13.4 | 13.9 | 14.1 | 14.4 | 15.0 | 15.1 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.5 | 15.5 |
| ≥ 20000 | 13.0 | 15.9 | 17.4 | 18.5 | 19.2 | 19.5 | 19.9 | 20.8 | 20.9 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.5 | 21.5 |
| ≥ 18000 | 13.3 | 16.2 | 17.6 | 18.8 | 19.4 | 19.8 | 20.3 | 21.2 | 21.3 | 21.8 | 21.8 | 21.8 | 21.8 | 21.8 | 21.9 | 21.9 |
| ≥ 16000 | 13.8 | 16.7 | 18.2 | 19.3 | 20.1 | 20.4 | 21.0 | 21.9 | 22.0 | 22.5 | 22.5 | 22.5 | 22.5 | 22.6 | 22.6 | 22.6 |
| ≥ 14000 | 15.2 | 18.3 | 19.9 | 21.2 | 22.1 | 22.5 | 23.2 | 24.1 | 24.2 | 24.8 | 24.8 | 24.8 | 24.9 | 24.9 | 24.9 | 25.0 |
| ≥ 12000 | 16.6 | 20.1 | 21.7 | 23.3 | 24.3 | 24.7 | 25.7 | 26.6 | 26.8 | 27.4 | 27.5 | 27.5 | 27.5 | 27.5 | 27.6 | 27.6 |
| ≥ 10000 | 18.4 | 22.3 | 23.9 | 25.5 | 26.6 | 27.1 | 28.1 | 29.1 | 29.2 | 30.0 | 30.1 | 30.1 | 30.2 | 30.2 | 30.3 | 30.3 |
| ≥ 9000 | 19.1 | 23.2 | 24.9 | 26.5 | 27.6 | 28.2 | 29.2 | 30.2 | 30.4 | 31.1 | 31.3 | 31.3 | 31.4 | 31.4 | 31.5 | 31.5 |
| ≥ 8000 | 20.6 | 25.0 | 26.7 | 28.6 | 30.0 | 30.6 | 31.7 | 32.8 | 33.0 | 33.8 | 34.0 | 34.0 | 34.1 | 34.1 | 34.2 | 34.2 |
| ≥ 7000 | 21.7 | 26.7 | 28.5 | 30.4 | 32.2 | 32.8 | 34.0 | 35.1 | 35.4 | 36.4 | 36.6 | 36.6 | 36.7 | 36.7 | 36.8 | 36.8 |
| ≥ 6000 | 22.8 | 28.2 | 30.1 | 32.1 | 34.0 | 34.6 | 35.9 | 37.1 | 37.3 | 38.3 | 38.5 | 38.5 | 38.7 | 38.7 | 38.7 | 38.8 |
| ≥ 5000 | 25.3 | 31.4 | 33.4 | 35.5 | 37.4 | 38.1 | 39.4 | 40.7 | 41.0 | 42.0 | 42.2 | 42.2 | 42.4 | 42.4 | 42.5 | 42.5 |
| ≥ 4500 | 27.3 | 33.6 | 35.7 | 37.8 | 39.9 | 40.5 | 41.9 | 43.2 | 43.5 | 44.5 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 | 45.0 |
| ≥ 4000 | 30.2 | 37.4 | 39.6 | 41.8 | 44.0 | 44.7 | 46.2 | 47.7 | 48.0 | 49.1 | 49.3 | 49.3 | 49.5 | 49.5 | 49.6 | 49.6 |
| ≥ 3500 | 34.2 | 42.2 | 44.6 | 47.0 | 49.3 | 50.1 | 51.8 | 53.4 | 53.8 | 55.2 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.7 |
| ≥ 3000 | 38.2 | 47.5 | 50.3 | 52.9 | 55.7 | 56.4 | 58.4 | 60.3 | 60.6 | 62.0 | 62.4 | 62.4 | 62.7 | 62.7 | 62.8 | 62.8 |
| ≥ 2500 | 41.7 | 53.2 | 56.4 | 59.4 | 62.5 | 63.3 | 65.5 | 67.5 | 68.0 | 69.5 | 69.9 | 69.9 | 70.3 | 70.3 | 70.4 | 70.4 |
| ≥ 2000 | 44.5 | 58.2 | 61.8 | 65.4 | 68.9 | 69.9 | 72.5 | 74.7 | 75.2 | 76.7 | 77.2 | 77.2 | 77.6 | 77.6 | 77.7 | 77.7 |
| ≥ 1800 | 45.3 | 59.2 | 63.0 | 66.6 | 70.2 | 71.2 | 73.8 | 76.0 | 76.5 | 78.1 | 78.5 | 78.5 | 79.0 | 79.0 | 79.1 | 79.1 |
| ≥ 1500 | 46.4 | 61.3 | 65.6 | 69.4 | 73.5 | 74.6 | 77.4 | 79.7 | 80.2 | 82.1 | 82.6 | 82.6 | 83.1 | 83.1 | 83.2 | 83.3 |
| ≥ 1200 | 47.9 | 63.3 | 67.7 | 71.8 | 76.0 | 77.2 | 80.0 | 82.3 | 82.9 | 84.8 | 85.4 | 85.4 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 1000 | 48.3 | 64.3 | 68.7 | 73.1 | 77.6 | 78.8 | 81.8 | 84.1 | 84.7 | 86.8 | 87.5 | 87.5 | 88.1 | 88.1 | 88.2 | 88.3 |
| ≥ 900 | 48.6 | 64.7 | 69.0 | 73.5 | 78.1 | 79.4 | 82.4 | 84.7 | 85.3 | 87.4 | 88.2 | 88.2 | 88.8 | 88.8 | 89.0 | 89.0 |
| ≥ 800 | 49.0 | 65.4 | 69.9 | 74.5 | 79.4 | 80.7 | 83.8 | 86.2 | 86.7 | 89.0 | 89.8 | 89.8 | 90.4 | 90.4 | 90.6 | 90.6 |
| ≥ 700 | 49.0 | 65.5 | 70.0 | 74.7 | 79.9 | 81.3 | 84.6 | 87.0 | 87.6 | 90.0 | 90.9 | 90.9 | 91.6 | 91.6 | 91.8 | 91.8 |
| ≥ 600 | 49.0 | 65.6 | 70.2 | 74.9 | 80.3 | 81.6 | 85.0 | 87.5 | 88.1 | 90.6 | 91.5 | 91.5 | 92.4 | 92.4 | 92.6 | 92.7 |
| ≥ 500 | 49.1 | 65.7 | 70.3 | 75.1 | 80.5 | 82.0 | 85.4 | 88.1 | 88.8 | 91.6 | 92.6 | 92.7 | 93.7 | 94.0 | 94.3 | 94.4 |
| ≥ 400 | 49.1 | 65.7 | 70.4 | 75.1 | 80.6 | 82.2 | 85.6 | 88.5 | 89.2 | 92.3 | 93.4 | 93.5 | 94.7 | 95.0 | 95.3 | 95.4 |
| ≥ 300 | 49.1 | 65.7 | 70.4 | 75.1 | 80.6 | 82.2 | 85.6 | 88.5 | 89.2 | 92.4 | 93.7 | 93.9 | 95.2 | 95.6 | 96.0 | 96.1 |
| ≥ 200 | 49.1 | 65.7 | 70.4 | 75.1 | 80.6 | 82.2 | 85.7 | 88.7 | 89.3 | 92.6 | 94.2 | 94.4 | 95.9 | 96.3 | 97.1 | 97.2 |
| ≥ 100 | 49.1 | 65.7 | 70.4 | 75.1 | 80.6 | 82.2 | 85.7 | 88.7 | 89.3 | 92.6 | 94.2 | 94.5 | 96.0 | 96.6 | 97.4 | 98.2 |
| ≥ 0 | 49.1 | 65.7 | 70.4 | 75.2 | 80.7 | 82.3 | 85.7 | 88.7 | 89.4 | 92.6 | 94.3 | 94.5 | 96.0 | 96.7 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2959

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHLDRD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

| CEILING FEET | VISIBILITY - STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|-----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 10.1 | 12.8 | 13.9 | 14.3 | 15.2 | 15.4 | 16.1 | 16.5 | 16.6 | 17.0 | 17.3 | 17.4 | 17.6 | 17.6 | 17.6 | 17.7 |
| IV 20000 | 13.6 | 17.1 | 18.7 | 19.4 | 20.8 | 21.2 | 22.3 | 22.8 | 23.0 | 23.1 | 24.2 | 24.2 | 24.5 | 24.5 | 24.5 | 24.7 |
| IV 18000 | 13.8 | 17.4 | 18.9 | 19.6 | 21.1 | 21.5 | 22.6 | 23.2 | 23.3 | 24.0 | 24.6 | 24.6 | 24.9 | 24.9 | 24.9 | 25.1 |
| IV 16000 | 14.2 | 17.7 | 19.4 | 20.1 | 21.6 | 22.0 | 23.1 | 23.7 | 23.9 | 24.6 | 25.1 | 25.2 | 25.4 | 25.4 | 25.4 | 25.6 |
| IV 14000 | 15.2 | 19.1 | 20.8 | 21.5 | 23.3 | 23.7 | 24.9 | 25.7 | 25.9 | 26.6 | 27.2 | 27.2 | 27.5 | 27.5 | 27.5 | 27.6 |
| IV 12000 | 16.5 | 20.9 | 22.6 | 23.5 | 25.2 | 25.6 | 27.1 | 27.9 | 28.2 | 29.0 | 29.6 | 29.7 | 30.0 | 30.0 | 30.0 | 30.1 |
| IV 10000 | 18.0 | 22.8 | 24.6 | 25.6 | 27.4 | 27.9 | 29.4 | 30.4 | 30.7 | 31.5 | 32.1 | 32.2 | 32.5 | 32.5 | 32.5 | 32.7 |
| IV 9000 | 18.4 | 23.2 | 25.0 | 26.1 | 27.9 | 28.4 | 30.0 | 31.2 | 31.5 | 32.3 | 32.9 | 33.0 | 33.3 | 33.3 | 33.3 | 33.5 |
| IV 8000 | 20.2 | 25.1 | 27.0 | 28.1 | 30.1 | 30.6 | 32.2 | 33.5 | 33.8 | 34.8 | 35.5 | 35.6 | 35.9 | 35.9 | 35.9 | 36.1 |
| IV 7000 | 22.1 | 27.6 | 29.5 | 30.9 | 33.0 | 33.5 | 35.2 | 36.5 | 36.8 | 38.0 | 38.8 | 38.9 | 39.3 | 39.3 | 39.3 | 39.5 |
| IV 6000 | 23.1 | 28.9 | 30.9 | 32.4 | 34.7 | 35.3 | 37.0 | 38.5 | 38.8 | 40.1 | 41.0 | 41.0 | 41.4 | 41.4 | 41.4 | 41.6 |
| IV 5000 | 25.8 | 32.4 | 34.4 | 36.2 | 38.6 | 39.2 | 41.1 | 42.6 | 43.0 | 44.3 | 45.2 | 45.3 | 45.7 | 45.7 | 45.7 | 45.9 |
| IV 4500 | 27.2 | 34.2 | 36.3 | 38.2 | 40.6 | 41.3 | 43.4 | 44.9 | 45.3 | 46.6 | 47.5 | 47.6 | 48.0 | 48.0 | 48.0 | 48.2 |
| IV 4000 | 30.4 | 38.2 | 40.5 | 42.7 | 45.1 | 45.8 | 48.1 | 49.8 | 50.2 | 51.6 | 52.5 | 52.6 | 53.0 | 53.0 | 53.0 | 53.2 |
| IV 3500 | 33.2 | 42.5 | 45.1 | 47.5 | 50.1 | 51.0 | 53.3 | 55.2 | 55.6 | 57.1 | 58.1 | 58.2 | 58.6 | 58.6 | 58.6 | 58.8 |
| IV 3000 | 35.9 | 46.4 | 49.3 | 52.2 | 55.2 | 56.1 | 58.7 | 60.7 | 61.2 | 62.7 | 63.8 | 63.9 | 64.3 | 64.4 | 64.4 | 64.6 |
| IV 2500 | 39.7 | 52.3 | 55.6 | 58.8 | 62.1 | 63.1 | 65.8 | 68.0 | 68.4 | 69.9 | 71.2 | 71.3 | 71.7 | 71.8 | 71.8 | 72.0 |
| IV 2000 | 42.7 | 57.4 | 61.4 | 65.0 | 68.5 | 69.6 | 72.4 | 74.8 | 75.4 | 77.1 | 78.4 | 78.5 | 78.9 | 79.0 | 79.0 | 79.2 |
| IV 1800 | 43.1 | 58.4 | 62.4 | 66.1 | 69.7 | 70.9 | 73.8 | 76.2 | 76.8 | 78.5 | 79.8 | 79.9 | 80.3 | 80.4 | 80.4 | 80.6 |
| IV 1500 | 44.2 | 60.7 | 65.4 | 69.2 | 73.3 | 74.4 | 77.5 | 80.1 | 80.8 | 82.4 | 83.7 | 83.8 | 84.3 | 84.4 | 84.4 | 84.6 |
| IV 1200 | 45.4 | 62.5 | 67.4 | 71.6 | 76.1 | 77.4 | 80.7 | 83.4 | 84.1 | 85.8 | 87.1 | 87.2 | 87.7 | 87.8 | 87.9 | 88.1 |
| IV 1000 | 45.7 | 63.2 | 68.3 | 72.5 | 77.2 | 78.6 | 82.0 | 84.8 | 85.6 | 87.7 | 89.1 | 89.2 | 89.8 | 90.0 | 90.2 | 90.4 |
| IV 900 | 45.8 | 63.4 | 68.5 | 72.7 | 77.5 | 78.9 | 82.4 | 85.5 | 86.3 | 88.4 | 89.8 | 89.9 | 90.6 | 90.8 | 91.0 | 91.2 |
| IV 800 | 45.8 | 63.4 | 68.6 | 73.0 | 78.0 | 79.4 | 83.0 | 86.2 | 87.0 | 89.2 | 90.6 | 90.7 | 91.4 | 91.6 | 91.8 | 92.0 |
| IV 700 | 45.8 | 63.5 | 68.8 | 73.2 | 78.2 | 79.6 | 83.3 | 86.7 | 87.5 | 89.7 | 91.2 | 91.3 | 92.0 | 92.2 | 92.4 | 92.6 |
| IV 600 | 45.8 | 63.6 | 68.9 | 73.3 | 78.4 | 79.8 | 83.8 | 87.3 | 88.1 | 90.4 | 92.0 | 92.1 | 93.0 | 93.2 | 93.4 | 93.7 |
| IV 500 | 45.9 | 63.7 | 69.1 | 73.5 | 78.7 | 80.1 | 84.2 | 87.9 | 88.8 | 91.3 | 93.1 | 93.2 | 94.4 | 94.7 | 95.0 | 95.3 |
| IV 400 | 45.9 | 63.7 | 69.1 | 73.6 | 78.8 | 80.3 | 84.5 | 88.2 | 89.1 | 91.9 | 93.7 | 93.9 | 95.1 | 95.5 | 95.9 | 96.2 |
| IV 300 | 45.9 | 63.7 | 69.1 | 73.6 | 78.8 | 80.3 | 84.5 | 88.3 | 89.3 | 92.2 | 94.2 | 94.3 | 95.6 | 96.1 | 96.6 | 96.8 |
| IV 200 | 45.9 | 63.7 | 69.1 | 73.6 | 78.8 | 80.3 | 84.5 | 88.3 | 89.4 | 92.4 | 94.5 | 94.7 | 96.1 | 96.8 | 97.3 | 97.7 |
| IV 100 | 45.9 | 63.7 | 69.1 | 73.6 | 78.8 | 80.3 | 84.5 | 88.3 | 89.4 | 92.4 | 94.5 | 94.7 | 96.2 | 96.9 | 97.6 | 98.3 |
| IV 0 | 45.9 | 63.7 | 69.1 | 73.6 | 78.8 | 80.3 | 84.5 | 88.3 | 89.4 | 92.4 | 94.5 | 94.7 | 96.2 | 96.9 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 10.5 | 15.6 | 16.9 | 18.0 | 19.0 | 19.3 | 20.2 | 20.7 | 20.8 | 21.6 | 21.9 | 21.9 | 22.7 | 22.7 | 23.3 | 24.1 |
| ≥ 20000 | 11.9 | 17.4 | 19.0 | 20.3 | 21.7 | 22.0 | 23.1 | 23.8 | 24.0 | 24.8 | 25.3 | 25.4 | 26.3 | 26.3 | 27.0 | 27.6 |
| ≥ 18000 | 11.9 | 17.4 | 19.1 | 20.3 | 21.8 | 22.1 | 23.2 | 23.9 | 24.1 | 24.9 | 25.4 | 25.5 | 26.4 | 26.5 | 27.1 | 28.0 |
| ≥ 16000 | 11.9 | 17.5 | 19.1 | 20.5 | 22.0 | 22.3 | 23.4 | 24.2 | 24.3 | 25.1 | 25.7 | 25.8 | 26.7 | 26.7 | 27.3 | 28.2 |
| ≥ 14000 | 12.6 | 18.5 | 20.4 | 21.9 | 23.5 | 23.9 | 25.0 | 25.7 | 25.9 | 26.7 | 27.3 | 27.3 | 28.3 | 28.3 | 28.9 | 29.8 |
| ≥ 12000 | 13.3 | 19.2 | 21.1 | 22.7 | 24.4 | 24.8 | 25.9 | 26.7 | 26.9 | 27.9 | 28.5 | 28.6 | 29.5 | 29.6 | 30.2 | 31.1 |
| ≥ 10000 | 14.1 | 20.3 | 22.5 | 24.1 | 26.0 | 26.3 | 27.5 | 28.4 | 28.6 | 29.6 | 30.2 | 30.3 | 31.2 | 31.3 | 31.9 | 32.8 |
| ≥ 9000 | 15.1 | 21.7 | 23.9 | 25.6 | 27.5 | 27.9 | 29.2 | 30.1 | 30.4 | 31.3 | 32.0 | 32.0 | 33.0 | 33.0 | 33.6 | 34.5 |
| ≥ 8000 | 17.6 | 24.5 | 26.9 | 28.7 | 30.6 | 31.0 | 32.4 | 33.4 | 33.6 | 34.6 | 35.3 | 35.3 | 36.3 | 36.3 | 37.0 | 37.8 |
| ≥ 7000 | 19.3 | 26.8 | 29.5 | 31.3 | 33.3 | 33.8 | 35.1 | 36.3 | 36.5 | 37.7 | 38.4 | 38.4 | 39.4 | 39.4 | 40.1 | 40.9 |
| ≥ 6000 | 20.6 | 28.8 | 31.5 | 33.5 | 35.6 | 36.1 | 37.6 | 38.9 | 39.1 | 40.4 | 41.0 | 41.1 | 42.0 | 42.1 | 42.7 | 43.6 |
| ≥ 5000 | 23.1 | 31.6 | 34.7 | 37.3 | 39.4 | 39.9 | 41.5 | 42.9 | 43.1 | 44.5 | 45.1 | 45.2 | 46.3 | 46.3 | 47.0 | 47.8 |
| ≥ 4500 | 24.4 | 34.0 | 37.2 | 39.8 | 42.0 | 42.5 | 44.2 | 45.5 | 45.8 | 47.1 | 47.9 | 48.0 | 49.0 | 49.1 | 49.7 | 50.6 |
| ≥ 4000 | 26.7 | 37.7 | 41.2 | 44.0 | 46.4 | 46.9 | 48.9 | 50.3 | 50.5 | 52.1 | 52.9 | 53.0 | 54.0 | 54.0 | 54.7 | 55.6 |
| ≥ 3500 | 30.3 | 42.6 | 46.5 | 49.6 | 52.2 | 52.7 | 55.1 | 56.5 | 56.8 | 58.3 | 59.2 | 59.3 | 60.4 | 60.5 | 61.1 | 62.0 |
| ≥ 3000 | 33.6 | 47.9 | 52.3 | 55.9 | 58.8 | 59.7 | 62.0 | 63.5 | 63.8 | 65.3 | 66.4 | 66.4 | 67.6 | 67.6 | 68.3 | 69.2 |
| ≥ 2500 | 35.8 | 52.8 | 57.6 | 61.7 | 64.8 | 65.6 | 68.1 | 69.7 | 70.0 | 71.6 | 72.8 | 72.9 | 74.1 | 74.1 | 74.8 | 75.7 |
| ≥ 2000 | 37.5 | 56.3 | 61.8 | 66.1 | 69.5 | 70.3 | 72.9 | 74.6 | 75.0 | 76.8 | 78.1 | 78.1 | 79.4 | 79.4 | 80.1 | 81.0 |
| ≥ 1800 | 37.8 | 57.0 | 62.7 | 67.0 | 70.6 | 71.5 | 74.2 | 75.9 | 76.3 | 78.1 | 79.4 | 79.4 | 80.7 | 80.8 | 81.5 | 82.3 |
| ≥ 1500 | 38.5 | 58.7 | 64.8 | 69.4 | 73.2 | 74.3 | 77.2 | 79.0 | 79.3 | 81.2 | 82.7 | 82.8 | 84.0 | 84.1 | 84.8 | 85.6 |
| ≥ 1200 | 39.1 | 59.8 | 66.2 | 71.1 | 75.4 | 76.6 | 79.7 | 81.6 | 81.9 | 83.9 | 85.4 | 85.4 | 86.8 | 86.8 | 87.5 | 88.4 |
| ≥ 1000 | 39.4 | 60.3 | 67.0 | 72.0 | 76.6 | 77.7 | 81.0 | 83.1 | 83.4 | 85.4 | 86.9 | 87.0 | 88.3 | 88.4 | 89.2 | 90.0 |
| ≥ 900 | 39.4 | 60.4 | 67.1 | 72.1 | 76.8 | 77.9 | 81.3 | 83.4 | 83.9 | 85.9 | 87.4 | 87.5 | 88.8 | 88.9 | 89.7 | 90.5 |
| ≥ 800 | 39.5 | 60.6 | 67.4 | 72.5 | 77.2 | 78.4 | 81.8 | 84.0 | 84.4 | 86.5 | 88.0 | 88.1 | 89.4 | 89.5 | 90.3 | 91.2 |
| ≥ 700 | 39.6 | 60.7 | 67.6 | 72.7 | 77.5 | 78.7 | 82.2 | 84.5 | 85.0 | 87.1 | 88.7 | 88.7 | 90.1 | 90.2 | 91.0 | 91.9 |
| ≥ 600 | 39.7 | 60.8 | 67.7 | 72.9 | 77.9 | 79.1 | 82.7 | 85.1 | 85.5 | 87.7 | 89.4 | 89.5 | 91.0 | 91.1 | 91.9 | 92.7 |
| ≥ 500 | 39.7 | 60.9 | 67.7 | 73.0 | 78.1 | 79.3 | 83.3 | 85.9 | 86.4 | 88.7 | 90.5 | 90.6 | 92.3 | 92.5 | 93.3 | 94.1 |
| ≥ 400 | 39.7 | 60.9 | 67.8 | 73.0 | 78.2 | 79.5 | 83.5 | 86.3 | 86.9 | 89.3 | 91.2 | 91.3 | 93.0 | 93.2 | 94.0 | 94.9 |
| ≥ 300 | 39.7 | 60.9 | 67.8 | 73.0 | 78.2 | 79.5 | 83.5 | 86.3 | 87.0 | 89.7 | 91.6 | 91.8 | 93.7 | 93.9 | 94.8 | 95.7 |
| ≥ 200 | 39.7 | 60.9 | 67.8 | 73.0 | 78.2 | 79.6 | 83.7 | 86.5 | 87.2 | 90.1 | 92.2 | 92.4 | 94.4 | 94.7 | 95.8 | 97.0 |
| ≥ 100 | 39.7 | 60.9 | 67.8 | 73.0 | 78.2 | 79.6 | 83.7 | 86.6 | 87.3 | 90.1 | 92.3 | 92.5 | 94.5 | 94.9 | 96.3 | 98.0 |
| ≥ 0 | 39.7 | 60.9 | 67.8 | 73.0 | 78.2 | 79.6 | 83.7 | 86.6 | 87.3 | 90.1 | 92.3 | 92.5 | 94.5 | 95.0 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2951

USAF ETAC

FORM 1-1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHLIRD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 11.6 | 16.9 | 18.2 | 19.0 | 20.1 | 20.6 | 21.5 | 22.1 | 22.2 | 23.3 | 23.9 | 23.9 | 24.8 | 25.0 | 25.7 | 27.0 |
| ≥ 20000 | 12.3 | 18.2 | 19.5 | 20.5 | 21.7 | 22.4 | 23.3 | 24.0 | 24.2 | 25.5 | 26.3 | 26.4 | 27.3 | 27.6 | 28.5 | 29.8 |
| ≥ 18000 | 12.4 | 18.2 | 19.6 | 20.5 | 21.8 | 22.4 | 23.4 | 24.1 | 24.3 | 25.6 | 26.4 | 26.5 | 27.4 | 27.7 | 28.6 | 29.9 |
| ≥ 16000 | 12.5 | 18.3 | 19.7 | 20.6 | 21.9 | 22.6 | 23.5 | 24.3 | 24.5 | 25.7 | 26.5 | 26.7 | 27.6 | 27.8 | 28.7 | 30.1 |
| ≥ 14000 | 13.2 | 19.3 | 20.8 | 21.7 | 23.0 | 23.7 | 24.7 | 25.4 | 25.6 | 27.0 | 27.8 | 27.9 | 28.9 | 29.1 | 30.0 | 31.3 |
| ≥ 12000 | 13.9 | 20.1 | 21.6 | 22.6 | 23.9 | 24.6 | 25.5 | 26.4 | 26.7 | 28.0 | 28.9 | 29.0 | 30.0 | 30.3 | 31.1 | 32.5 |
| ≥ 10000 | 14.7 | 21.3 | 22.9 | 23.9 | 25.4 | 26.0 | 27.1 | 28.1 | 28.4 | 29.7 | 30.6 | 30.8 | 31.8 | 32.0 | 32.9 | 34.3 |
| ≥ 9000 | 15.6 | 22.3 | 23.9 | 25.1 | 26.6 | 27.2 | 28.4 | 29.4 | 29.6 | 31.1 | 31.9 | 32.1 | 33.1 | 33.3 | 34.2 | 35.6 |
| ≥ 8000 | 17.0 | 24.3 | 25.9 | 27.3 | 28.9 | 29.6 | 30.7 | 31.8 | 32.1 | 33.6 | 34.5 | 34.6 | 35.6 | 35.9 | 36.8 | 38.2 |
| ≥ 7000 | 18.6 | 26.7 | 28.5 | 29.9 | 31.6 | 32.3 | 33.4 | 34.7 | 34.9 | 36.6 | 37.5 | 37.7 | 38.7 | 38.9 | 39.8 | 41.2 |
| ≥ 6000 | 19.7 | 28.3 | 30.1 | 31.5 | 33.3 | 34.0 | 35.2 | 36.5 | 36.8 | 38.5 | 39.4 | 39.6 | 40.6 | 40.9 | 41.9 | 43.2 |
| ≥ 5000 | 22.3 | 31.9 | 33.9 | 35.6 | 37.5 | 38.2 | 39.6 | 41.0 | 41.3 | 43.0 | 44.0 | 44.1 | 45.3 | 45.6 | 46.5 | 47.9 |
| ≥ 4500 | 23.9 | 34.0 | 36.1 | 37.8 | 39.8 | 40.6 | 42.0 | 43.4 | 43.7 | 45.4 | 46.4 | 46.6 | 47.7 | 48.0 | 49.0 | 50.4 |
| ≥ 4000 | 26.5 | 37.8 | 40.1 | 42.0 | 44.1 | 45.0 | 46.5 | 48.0 | 48.3 | 50.1 | 51.0 | 51.2 | 52.4 | 52.7 | 53.7 | 55.1 |
| ≥ 3500 | 29.9 | 42.8 | 45.8 | 48.0 | 50.4 | 51.4 | 53.1 | 54.7 | 55.1 | 57.0 | 57.9 | 58.2 | 59.4 | 59.7 | 60.7 | 62.1 |
| ≥ 3000 | 33.1 | 47.7 | 51.0 | 53.5 | 56.3 | 57.5 | 59.4 | 61.0 | 61.4 | 63.3 | 64.5 | 64.7 | 66.0 | 66.3 | 67.3 | 68.8 |
| ≥ 2500 | 35.4 | 51.9 | 55.7 | 58.3 | 61.5 | 62.7 | 64.8 | 66.3 | 66.9 | 69.1 | 70.3 | 70.5 | 71.9 | 72.2 | 73.2 | 74.7 |
| ≥ 2000 | 37.9 | 56.5 | 60.7 | 63.7 | 67.3 | 68.5 | 70.9 | 72.7 | 73.1 | 75.5 | 76.8 | 77.0 | 78.5 | 78.9 | 79.9 | 81.3 |
| ≥ 1800 | 38.1 | 56.9 | 61.3 | 64.3 | 67.9 | 69.2 | 71.8 | 73.6 | 74.0 | 76.4 | 77.7 | 78.0 | 79.5 | 79.8 | 80.8 | 82.3 |
| ≥ 1500 | 39.0 | 59.0 | 63.5 | 66.6 | 70.5 | 71.8 | 74.6 | 76.6 | 77.1 | 79.5 | 80.9 | 81.1 | 82.7 | 83.0 | 84.1 | 85.5 |
| ≥ 1200 | 39.3 | 60.1 | 64.9 | 68.1 | 72.2 | 73.6 | 76.7 | 78.9 | 79.4 | 81.9 | 83.2 | 83.4 | 85.1 | 85.4 | 86.4 | 87.9 |
| ≥ 1000 | 39.7 | 60.5 | 65.4 | 68.9 | 73.1 | 74.5 | 77.7 | 80.1 | 80.6 | 83.2 | 84.5 | 84.7 | 86.4 | 86.7 | 87.8 | 89.2 |
| ≥ 900 | 39.7 | 60.6 | 65.5 | 69.0 | 73.2 | 74.7 | 78.0 | 80.3 | 80.8 | 83.4 | 84.7 | 85.0 | 86.6 | 87.0 | 88.0 | 89.5 |
| ≥ 800 | 39.8 | 60.9 | 65.9 | 69.5 | 73.7 | 75.2 | 78.7 | 81.1 | 81.6 | 84.3 | 85.7 | 85.9 | 87.6 | 88.0 | 89.0 | 90.5 |
| ≥ 700 | 39.9 | 61.1 | 66.1 | 69.7 | 74.0 | 75.5 | 79.0 | 81.5 | 82.1 | 84.8 | 86.3 | 86.6 | 88.3 | 88.7 | 89.7 | 91.2 |
| ≥ 600 | 39.9 | 61.1 | 66.1 | 69.9 | 74.3 | 75.8 | 79.4 | 81.9 | 82.5 | 85.3 | 86.8 | 87.1 | 88.8 | 89.3 | 90.3 | 91.8 |
| ≥ 500 | 39.9 | 61.2 | 66.2 | 70.0 | 74.5 | 76.1 | 79.7 | 82.4 | 83.0 | 85.9 | 87.6 | 87.9 | 89.7 | 90.2 | 91.2 | 92.7 |
| ≥ 400 | 39.9 | 61.2 | 66.2 | 70.0 | 74.6 | 76.2 | 80.1 | 82.9 | 83.5 | 86.6 | 88.4 | 88.7 | 90.6 | 91.1 | 92.3 | 93.7 |
| ≥ 300 | 39.9 | 61.3 | 66.3 | 70.1 | 74.7 | 76.4 | 80.3 | 83.2 | 83.9 | 87.1 | 89.0 | 89.3 | 91.4 | 92.0 | 93.1 | 94.7 |
| ≥ 200 | 39.9 | 61.3 | 66.3 | 70.1 | 74.7 | 76.4 | 80.4 | 83.5 | 84.3 | 87.6 | 89.5 | 89.8 | 92.0 | 92.6 | 94.1 | 95.9 |
| ≥ 100 | 39.9 | 61.3 | 66.3 | 70.1 | 74.7 | 76.4 | 80.4 | 83.6 | 84.4 | 87.8 | 89.8 | 90.1 | 92.4 | 93.1 | 94.9 | 97.3 |
| ≥ 0 | 39.9 | 61.3 | 66.3 | 70.1 | 74.7 | 76.4 | 80.4 | 83.6 | 84.4 | 87.8 | 89.8 | 90.1 | 92.4 | 93.1 | 95.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2948

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHURD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSFEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|--------|------|--------|--------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥1 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥0 |
| NO CEILING | 14.4 | 20.5 | 22.6 | 23.6 | 25.9 | 26.2 | 27.7 | 28.6 | 28.7 | 29.3 | 29.8 | 29.9 | 30.3 | 30.5 | 31.2 | 31.5 |
| ≥ 20000 | 15.3 | 21.8 | 24.0 | 25.3 | 28.1 | 28.6 | 30.2 | 31.2 | 31.3 | 32.1 | 32.7 | 32.7 | 33.1 | 33.4 | 34.1 | 34.4 |
| IV 18000 | 15.5 | 22.2 | 24.4 | 25.8 | 28.6 | 29.2 | 30.7 | 31.8 | 31.8 | 32.7 | 33.2 | 33.2 | 33.7 | 34.0 | 34.6 | 34.9 |
| IV 16000 | 15.6 | 22.3 | 24.6 | 25.9 | 28.7 | 29.3 | 30.9 | 31.9 | 32.0 | 32.8 | 33.4 | 33.4 | 33.8 | 34.1 | 34.8 | 35.1 |
| IV 14000 | 16.0 | 23.2 | 25.5 | 27.1 | 29.9 | 30.6 | 32.3 | 33.4 | 33.5 | 34.4 | 35.1 | 35.1 | 35.5 | 35.8 | 36.5 | 36.8 |
| IV 12000 | 16.8 | 24.2 | 26.6 | 28.3 | 31.1 | 31.8 | 33.6 | 34.7 | 34.8 | 35.8 | 36.4 | 36.5 | 36.9 | 37.2 | 37.9 | 38.2 |
| IV 10000 | 18.1 | 25.9 | 28.4 | 30.1 | 32.9 | 33.7 | 35.7 | 36.9 | 37.0 | 38.0 | 38.7 | 38.8 | 39.2 | 39.5 | 40.2 | 40.6 |
| IV 9000 | 18.7 | 27.0 | 29.5 | 31.2 | 34.1 | 35.0 | 37.0 | 38.2 | 38.3 | 39.4 | 40.1 | 40.1 | 40.5 | 40.8 | 41.5 | 42.0 |
| IV 8000 | 20.6 | 29.3 | 32.0 | 33.9 | 36.9 | 37.8 | 39.8 | 41.1 | 41.3 | 42.4 | 43.1 | 43.2 | 43.6 | 43.9 | 44.6 | 45.1 |
| IV 7000 | 22.2 | 31.8 | 34.5 | 36.5 | 39.6 | 40.5 | 42.6 | 43.9 | 44.0 | 45.2 | 45.9 | 45.9 | 46.4 | 46.6 | 47.4 | 48.0 |
| IV 6000 | 23.4 | 33.7 | 36.6 | 38.6 | 41.7 | 42.6 | 44.7 | 46.0 | 46.1 | 47.3 | 48.0 | 48.1 | 48.5 | 48.8 | 49.5 | 50.1 |
| IV 5000 | 26.1 | 37.6 | 40.5 | 43.1 | 46.3 | 47.4 | 49.4 | 50.8 | 50.9 | 52.2 | 52.9 | 53.0 | 53.5 | 53.8 | 54.6 | 55.1 |
| IV 4500 | 27.8 | 40.1 | 43.0 | 45.5 | 48.9 | 49.9 | 52.0 | 53.4 | 53.5 | 54.9 | 55.6 | 55.7 | 56.2 | 56.5 | 57.3 | 57.8 |
| IV 4000 | 31.0 | 44.5 | 47.6 | 50.3 | 53.8 | 54.8 | 57.0 | 58.4 | 58.6 | 60.0 | 60.7 | 60.8 | 61.5 | 61.8 | 62.6 | 63.1 |
| IV 3500 | 34.1 | 49.5 | 52.9 | 55.8 | 59.5 | 60.5 | 62.9 | 64.4 | 64.6 | 66.1 | 66.9 | 67.0 | 67.6 | 67.9 | 68.8 | 69.3 |
| IV 3000 | 37.0 | 53.8 | 57.5 | 60.6 | 64.4 | 65.5 | 67.9 | 69.7 | 69.8 | 71.5 | 72.3 | 72.4 | 73.0 | 73.4 | 74.2 | 74.8 |
| IV 2500 | 40.1 | 58.7 | 62.8 | 66.2 | 70.3 | 71.4 | 73.9 | 75.8 | 76.0 | 77.8 | 78.6 | 78.7 | 79.4 | 79.8 | 80.7 | 81.2 |
| IV 2000 | 43.7 | 63.9 | 68.9 | 72.5 | 76.8 | 77.9 | 80.5 | 82.5 | 82.8 | 84.7 | 85.5 | 85.6 | 86.3 | 86.7 | 87.6 | 88.2 |
| IV 1800 | 44.2 | 64.7 | 69.8 | 73.5 | 77.8 | 78.9 | 81.5 | 83.6 | 83.9 | 85.8 | 86.6 | 86.7 | 87.5 | 87.9 | 88.8 | 89.4 |
| IV 1500 | 45.1 | 66.8 | 72.1 | 75.8 | 80.3 | 81.0 | 84.1 | 86.4 | 86.8 | 88.6 | 89.4 | 89.5 | 90.4 | 90.8 | 91.7 | 92.3 |
| IV 1200 | 45.8 | 68.0 | 73.5 | 77.4 | 82.0 | 83.2 | 85.9 | 88.2 | 88.6 | 90.6 | 91.4 | 91.5 | 92.3 | 92.7 | 93.6 | 94.2 |
| IV 1000 | 46.1 | 68.5 | 74.1 | 78.0 | 82.7 | 83.9 | 86.6 | 88.9 | 89.3 | 91.4 | 92.2 | 92.3 | 93.1 | 93.6 | 94.5 | 95.0 |
| IV 900 | 46.2 | 68.6 | 74.1 | 78.1 | 82.7 | 84.0 | 86.7 | 89.1 | 89.6 | 91.7 | 92.5 | 92.6 | 93.4 | 93.8 | 94.7 | 95.3 |
| IV 800 | 46.2 | 68.7 | 74.3 | 78.3 | 83.0 | 84.3 | 87.0 | 89.4 | 90.0 | 92.1 | 93.0 | 93.1 | 93.9 | 94.3 | 95.2 | 95.8 |
| IV 700 | 46.2 | 68.8 | 74.4 | 78.4 | 83.1 | 84.4 | 87.2 | 89.6 | 90.2 | 92.4 | 93.2 | 93.4 | 94.2 | 94.6 | 95.5 | 96.1 |
| IV 600 | 46.2 | 68.8 | 74.5 | 78.5 | 83.2 | 84.5 | 87.3 | 89.7 | 90.3 | 92.5 | 93.3 | 93.5 | 94.3 | 94.8 | 95.8 | 96.4 |
| IV 500 | 46.2 | 68.8 | 74.5 | 78.6 | 83.2 | 84.6 | 87.4 | 89.9 | 90.4 | 92.6 | 93.6 | 93.7 | 94.7 | 95.2 | 96.1 | 96.8 |
| IV 400 | 46.2 | 68.8 | 74.6 | 78.6 | 83.3 | 84.7 | 87.5 | 90.1 | 90.7 | 92.9 | 93.9 | 94.0 | 94.9 | 95.5 | 96.5 | 97.2 |
| IV 300 | 46.2 | 68.8 | 74.6 | 78.5 | 83.4 | 84.7 | 87.5 | 90.1 | 90.8 | 93.0 | 94.1 | 94.2 | 95.2 | 95.8 | 96.8 | 97.5 |
| IV 200 | 46.2 | 68.8 | 74.6 | 78.6 | 83.4 | 84.7 | 87.6 | 90.3 | 91.0 | 93.4 | 94.5 | 94.7 | 95.6 | 96.3 | 97.4 | 98.2 |
| IV 100 | 46.2 | 68.8 | 74.6 | 78.6 | 83.4 | 84.7 | 87.6 | 90.3 | 91.0 | 93.4 | 94.6 | 94.7 | 95.8 | 96.4 | 97.5 | 98.5 |
| IV 0 | 46.2 | 68.8 | 74.6 | 78.6 | 83.4 | 84.7 | 87.6 | 90.3 | 91.0 | 93.4 | 94.6 | 94.7 | 95.8 | 96.4 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2686

USAF ETAC FORM 1-1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 14.9 | 19.8 | 21.0 | 22.0 | 24.2 | 24.8 | 26.0 | 27.0 | 27.1 | 27.7 | 28.4 | 28.5 | 29.0 | 29.2 | 30.1 | 30.7 |
| ≥ 20000 | 16.2 | 21.5 | 23.1 | 24.2 | 26.8 | 27.5 | 28.7 | 29.9 | 30.0 | 30.6 | 31.3 | 31.4 | 31.9 | 32.1 | 33.0 | 33.7 |
| ≥ 18000 | 16.3 | 21.6 | 23.2 | 24.4 | 27.0 | 27.7 | 29.0 | 30.1 | 30.2 | 30.8 | 31.5 | 31.6 | 32.1 | 32.3 | 33.2 | 33.9 |
| ≥ 15000 | 16.4 | 21.9 | 23.5 | 24.7 | 27.3 | 28.0 | 29.3 | 30.4 | 30.5 | 31.1 | 31.8 | 31.9 | 32.4 | 32.6 | 33.5 | 34.2 |
| ≥ 14000 | 16.7 | 22.5 | 24.1 | 25.4 | 28.1 | 28.9 | 30.2 | 31.5 | 31.5 | 32.1 | 32.9 | 33.0 | 33.5 | 33.6 | 34.6 | 35.3 |
| ≥ 12000 | 17.6 | 23.6 | 25.4 | 26.7 | 29.3 | 30.2 | 31.5 | 32.8 | 32.9 | 33.5 | 34.3 | 34.4 | 34.9 | 35.0 | 36.0 | 36.8 |
| ≥ 10000 | 18.1 | 24.9 | 26.7 | 28.0 | 30.9 | 31.8 | 33.2 | 34.6 | 34.7 | 35.4 | 36.2 | 36.3 | 36.8 | 36.9 | 37.9 | 38.7 |
| ≥ 9000 | 19.1 | 26.1 | 28.0 | 29.3 | 32.2 | 33.2 | 34.6 | 36.0 | 36.1 | 36.9 | 37.6 | 37.7 | 38.2 | 38.4 | 39.3 | 40.2 |
| ≥ 8000 | 20.6 | 28.3 | 30.3 | 31.7 | 34.6 | 35.6 | 37.1 | 38.5 | 38.7 | 39.5 | 40.2 | 40.3 | 40.9 | 41.1 | 42.1 | 42.9 |
| ≥ 7000 | 22.0 | 30.2 | 32.3 | 33.8 | 36.7 | 37.7 | 39.2 | 40.8 | 40.9 | 41.7 | 42.5 | 42.6 | 43.1 | 43.4 | 44.3 | 45.2 |
| ≥ 6000 | 23.2 | 32.0 | 34.3 | 36.0 | 39.0 | 40.0 | 41.6 | 43.2 | 43.3 | 44.1 | 44.9 | 45.0 | 45.6 | 45.8 | 46.8 | 47.6 |
| ≥ 5000 | 25.7 | 35.9 | 38.3 | 40.2 | 43.4 | 44.5 | 46.1 | 47.7 | 47.8 | 48.9 | 49.6 | 49.8 | 50.4 | 50.7 | 51.7 | 52.5 |
| ≥ 4500 | 26.9 | 37.5 | 40.0 | 42.0 | 45.3 | 46.4 | 48.1 | 49.8 | 49.9 | 51.0 | 51.7 | 51.9 | 52.5 | 52.7 | 53.7 | 54.6 |
| ≥ 4000 | 29.7 | 41.8 | 44.5 | 46.6 | 50.0 | 51.1 | 52.9 | 54.6 | 54.7 | 55.8 | 56.6 | 56.7 | 57.3 | 57.6 | 58.6 | 59.5 |
| ≥ 3500 | 32.9 | 46.5 | 49.7 | 52.0 | 55.4 | 56.6 | 58.4 | 60.3 | 60.4 | 61.6 | 62.3 | 62.5 | 63.1 | 63.3 | 64.4 | 65.3 |
| ≥ 3000 | 36.3 | 51.4 | 54.9 | 57.4 | 60.9 | 62.1 | 64.0 | 66.0 | 66.1 | 67.3 | 68.2 | 68.4 | 69.0 | 69.3 | 70.4 | 71.3 |
| ≥ 2500 | 39.7 | 57.7 | 61.2 | 63.8 | 67.5 | 68.7 | 70.7 | 72.7 | 72.9 | 74.2 | 75.1 | 75.2 | 75.9 | 76.2 | 77.3 | 78.2 |
| ≥ 2000 | 43.0 | 63.8 | 67.8 | 70.7 | 74.5 | 76.1 | 78.2 | 80.4 | 80.6 | 82.0 | 82.9 | 83.0 | 83.7 | 83.9 | 85.1 | 85.9 |
| ≥ 1800 | 43.5 | 64.7 | 69.0 | 72.0 | 75.8 | 77.4 | 79.5 | 81.7 | 82.0 | 83.3 | 84.2 | 84.3 | 85.0 | 85.3 | 86.4 | 87.3 |
| ≥ 1500 | 44.3 | 66.3 | 70.9 | 74.0 | 77.9 | 79.5 | 81.7 | 84.0 | 84.3 | 85.6 | 86.6 | 86.7 | 87.4 | 87.7 | 88.8 | 89.7 |
| ≥ 1200 | 44.6 | 67.2 | 72.2 | 75.4 | 79.4 | 81.0 | 83.3 | 85.8 | 86.1 | 87.5 | 88.5 | 88.6 | 89.3 | 89.6 | 90.7 | 91.6 |
| ≥ 1000 | 44.8 | 67.5 | 72.7 | 76.0 | 80.2 | 81.8 | 84.2 | 86.6 | 87.0 | 88.5 | 89.5 | 89.6 | 90.4 | 90.6 | 91.7 | 92.6 |
| ≥ 900 | 44.8 | 67.6 | 72.9 | 76.2 | 80.4 | 82.0 | 84.4 | 86.9 | 87.3 | 88.8 | 89.7 | 89.9 | 90.6 | 90.9 | 92.0 | 92.9 |
| ≥ 800 | 44.8 | 67.7 | 73.0 | 76.3 | 80.5 | 82.1 | 84.5 | 87.1 | 87.5 | 89.0 | 90.0 | 90.1 | 90.9 | 91.2 | 92.3 | 93.2 |
| ≥ 700 | 44.9 | 67.8 | 73.1 | 76.4 | 80.6 | 82.3 | 84.8 | 87.4 | 87.8 | 89.4 | 90.4 | 90.6 | 91.4 | 91.7 | 92.8 | 93.7 |
| ≥ 600 | 44.9 | 67.8 | 73.2 | 76.5 | 80.8 | 82.4 | 85.0 | 87.7 | 88.1 | 89.7 | 90.7 | 91.0 | 91.7 | 92.0 | 93.2 | 94.0 |
| ≥ 500 | 44.9 | 67.8 | 73.3 | 76.5 | 80.8 | 82.4 | 85.1 | 87.8 | 88.2 | 89.9 | 91.0 | 91.2 | 92.1 | 92.4 | 93.6 | 94.5 |
| ≥ 400 | 44.9 | 67.8 | 73.3 | 76.6 | 80.9 | 82.6 | 85.2 | 87.9 | 88.4 | 90.1 | 91.3 | 91.5 | 92.5 | 92.8 | 94.0 | 94.9 |
| ≥ 300 | 44.9 | 67.8 | 73.3 | 76.6 | 81.0 | 82.7 | 85.4 | 88.2 | 88.7 | 90.5 | 91.7 | 91.9 | 93.0 | 93.3 | 94.6 | 95.6 |
| ≥ 200 | 44.9 | 67.8 | 73.3 | 76.6 | 81.0 | 82.7 | 85.6 | 88.5 | 89.0 | 90.9 | 92.3 | 92.6 | 93.8 | 94.1 | 95.5 | 96.7 |
| ≥ 100 | 44.9 | 67.8 | 73.3 | 76.6 | 81.0 | 82.7 | 85.6 | 88.5 | 89.0 | 91.0 | 92.5 | 92.8 | 94.0 | 94.4 | 96.0 | 97.7 |
| ≥ 0 | 44.9 | 67.8 | 73.3 | 76.6 | 81.0 | 82.7 | 85.6 | 88.5 | 89.0 | 91.0 | 92.5 | 92.8 | 94.0 | 94.4 | 96.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2689

USAF ETAC FORM 1-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 11.9 | 15.1 | 16.1 | 16.6 | 17.7 | 17.9 | 19.2 | 20.1 | 20.4 | 20.6 | 21.2 | 21.3 | 21.7 | 21.8 | 22.4 | 23.3 |
| ≥ 20000 | 13.8 | 17.4 | 18.9 | 19.6 | 20.9 | 21.2 | 22.8 | 23.8 | 24.1 | 24.6 | 25.1 | 25.2 | 25.7 | 25.9 | 26.6 | 27.6 |
| ≥ 18000 | 14.0 | 17.6 | 19.0 | 19.8 | 21.1 | 21.4 | 23.0 | 24.0 | 24.3 | 24.9 | 25.3 | 25.4 | 26.0 | 26.2 | 26.9 | 27.8 |
| ≥ 16000 | 14.2 | 18.0 | 19.4 | 20.1 | 21.5 | 21.9 | 23.4 | 24.4 | 24.8 | 25.3 | 25.8 | 25.9 | 26.4 | 26.6 | 27.3 | 28.3 |
| ≥ 14000 | 15.1 | 19.0 | 20.5 | 21.2 | 22.7 | 23.2 | 24.9 | 26.0 | 26.3 | 26.9 | 27.3 | 27.5 | 28.0 | 28.2 | 28.9 | 29.8 |
| ≥ 12000 | 16.1 | 20.6 | 22.2 | 23.0 | 24.6 | 25.2 | 27.0 | 28.2 | 28.5 | 29.1 | 29.6 | 29.7 | 30.2 | 30.4 | 31.1 | 32.1 |
| ≥ 10000 | 17.0 | 21.9 | 23.6 | 24.4 | 26.1 | 26.7 | 28.6 | 29.8 | 30.2 | 31.0 | 31.5 | 31.7 | 32.3 | 32.5 | 33.2 | 34.2 |
| ≥ 9000 | 17.8 | 22.8 | 24.6 | 25.5 | 27.2 | 27.8 | 29.7 | 31.0 | 31.3 | 32.1 | 32.7 | 32.8 | 33.4 | 33.6 | 34.4 | 35.4 |
| ≥ 8000 | 19.0 | 24.5 | 26.5 | 27.4 | 29.2 | 29.9 | 31.9 | 33.1 | 33.5 | 34.4 | 35.0 | 35.2 | 35.8 | 36.0 | 36.8 | 37.9 |
| ≥ 7000 | 21.3 | 27.4 | 29.6 | 30.5 | 32.4 | 33.2 | 35.3 | 36.6 | 37.0 | 38.0 | 38.6 | 38.7 | 39.3 | 39.5 | 40.3 | 41.4 |
| ≥ 6000 | 22.2 | 28.8 | 31.0 | 32.2 | 34.1 | 34.9 | 37.0 | 38.4 | 38.7 | 39.7 | 40.3 | 40.4 | 41.0 | 41.3 | 42.1 | 43.2 |
| ≥ 5000 | 25.3 | 33.1 | 35.6 | 37.1 | 39.2 | 40.0 | 42.2 | 43.6 | 44.0 | 45.1 | 45.7 | 45.8 | 46.4 | 46.7 | 47.5 | 48.6 |
| ≥ 4500 | 26.8 | 35.1 | 37.8 | 39.3 | 41.6 | 42.4 | 44.6 | 46.1 | 46.5 | 47.6 | 48.2 | 48.3 | 48.9 | 49.2 | 50.0 | 51.1 |
| ≥ 4000 | 29.1 | 38.2 | 41.1 | 43.0 | 45.3 | 46.1 | 48.5 | 50.1 | 50.6 | 52.0 | 52.6 | 52.7 | 53.3 | 53.6 | 54.4 | 55.5 |
| ≥ 3500 | 32.0 | 42.7 | 45.9 | 48.0 | 50.6 | 51.6 | 54.1 | 55.8 | 56.3 | 57.8 | 58.4 | 58.5 | 59.2 | 59.5 | 60.3 | 61.4 |
| ≥ 3000 | 35.6 | 48.0 | 51.8 | 54.2 | 56.9 | 57.9 | 60.3 | 62.3 | 62.8 | 64.3 | 65.0 | 65.2 | 66.0 | 66.3 | 67.1 | 68.2 |
| ≥ 2500 | 39.0 | 53.4 | 57.6 | 60.3 | 63.4 | 64.5 | 67.3 | 69.4 | 69.9 | 71.6 | 72.4 | 72.5 | 73.4 | 73.6 | 74.5 | 75.6 |
| ≥ 2000 | 42.0 | 58.7 | 63.6 | 66.7 | 70.2 | 71.4 | 74.3 | 76.6 | 77.2 | 79.0 | 79.9 | 80.1 | 80.9 | 81.1 | 82.0 | 83.2 |
| ≥ 1800 | 42.5 | 59.9 | 65.0 | 68.2 | 71.8 | 73.0 | 76.2 | 78.3 | 78.8 | 80.7 | 81.6 | 81.8 | 82.6 | 82.8 | 83.7 | 84.9 |
| ≥ 1500 | 43.5 | 61.6 | 66.9 | 70.2 | 73.9 | 75.3 | 78.6 | 80.8 | 81.3 | 83.3 | 84.2 | 84.3 | 85.2 | 85.4 | 86.3 | 87.5 |
| ≥ 1200 | 43.8 | 62.5 | 67.9 | 71.3 | 75.2 | 76.6 | 79.9 | 82.2 | 82.8 | 84.9 | 85.8 | 86.0 | 86.8 | 87.1 | 88.0 | 89.2 |
| ≥ 1000 | 43.9 | 62.7 | 68.3 | 71.6 | 75.7 | 77.2 | 80.6 | 82.9 | 83.5 | 85.7 | 86.6 | 86.8 | 87.6 | 87.9 | 88.9 | 90.1 |
| ≥ 900 | 44.1 | 62.9 | 68.4 | 71.8 | 75.9 | 77.4 | 81.0 | 83.3 | 83.9 | 86.1 | 87.1 | 87.2 | 88.1 | 88.4 | 89.4 | 90.6 |
| ≥ 800 | 44.1 | 62.9 | 68.6 | 72.1 | 76.2 | 77.8 | 81.4 | 84.0 | 84.6 | 86.9 | 87.9 | 88.1 | 89.1 | 89.4 | 90.4 | 91.6 |
| ≥ 700 | 44.1 | 63.1 | 68.8 | 72.2 | 76.3 | 77.9 | 81.6 | 84.2 | 84.8 | 87.2 | 88.2 | 88.4 | 89.5 | 89.8 | 90.8 | 92.0 |
| ≥ 600 | 44.2 | 63.2 | 68.9 | 72.4 | 76.7 | 78.3 | 82.1 | 84.7 | 85.4 | 87.7 | 88.7 | 89.0 | 90.1 | 90.4 | 91.5 | 92.7 |
| ≥ 500 | 44.3 | 63.4 | 69.0 | 72.6 | 76.8 | 78.5 | 82.3 | 85.0 | 85.6 | 88.0 | 89.1 | 89.4 | 90.6 | 90.9 | 92.1 | 93.3 |
| ≥ 400 | 44.3 | 63.4 | 69.0 | 72.6 | 76.9 | 78.5 | 82.6 | 85.2 | 85.9 | 88.2 | 89.3 | 89.7 | 91.0 | 91.3 | 92.5 | 93.8 |
| ≥ 300 | 44.3 | 63.4 | 69.0 | 72.7 | 76.9 | 78.6 | 82.6 | 85.3 | 86.0 | 88.3 | 89.5 | 89.9 | 91.3 | 91.7 | 93.0 | 94.3 |
| ≥ 200 | 44.3 | 63.4 | 69.0 | 72.7 | 76.9 | 78.6 | 82.7 | 85.4 | 86.1 | 88.5 | 89.8 | 90.3 | 91.8 | 92.2 | 93.8 | 95.5 |
| ≥ 100 | 44.3 | 63.4 | 69.0 | 72.7 | 76.9 | 78.6 | 82.7 | 85.4 | 86.1 | 88.6 | 89.9 | 90.4 | 92.0 | 92.5 | 94.3 | 97.1 |
| ≥ 0 | 44.3 | 63.4 | 69.0 | 72.7 | 76.9 | 78.6 | 82.7 | 85.4 | 86.1 | 88.6 | 89.9 | 90.4 | 92.0 | 92.5 | 94.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2686

USAF ETAC FORM 121 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.75 | ≥.6 | ≥.5 | ≥.4 | ≥.3 | ≥.25 |
| NO CEILING | 10.4 | 13.5 | 14.4 | 15.3 | 16.7 | 17.4 | 18.3 | 18.9 | 19.0 | 19.2 | 19.4 | 19.4 | 19.5 | 19.6 | 19.6 | 20.0 |
| ≥ 20000 | 13.7 | 17.3 | 18.4 | 19.5 | 21.3 | 22.0 | 23.1 | 23.9 | 24.1 | 24.5 | 24.8 | 24.8 | 25.0 | 25.1 | 25.3 | 25.7 |
| ≥ 18000 | 13.9 | 17.4 | 18.6 | 19.7 | 21.5 | 22.2 | 23.4 | 24.2 | 24.4 | 24.8 | 25.1 | 25.1 | 25.3 | 25.4 | 25.5 | 26.0 |
| ≥ 16000 | 14.2 | 17.8 | 19.0 | 20.1 | 21.9 | 22.8 | 24.0 | 24.8 | 25.0 | 25.4 | 25.7 | 25.7 | 25.9 | 26.0 | 26.1 | 26.6 |
| ≥ 14000 | 15.1 | 19.2 | 20.4 | 21.8 | 23.6 | 24.5 | 25.8 | 26.7 | 27.0 | 27.4 | 27.7 | 27.8 | 28.0 | 28.2 | 28.3 | 28.8 |
| ≥ 12000 | 16.5 | 20.9 | 22.3 | 23.8 | 25.9 | 26.8 | 28.2 | 29.1 | 29.4 | 29.9 | 30.2 | 30.3 | 30.5 | 30.6 | 30.8 | 31.3 |
| ≥ 10000 | 18.3 | 22.9 | 24.6 | 26.1 | 28.6 | 29.7 | 31.1 | 32.3 | 32.6 | 33.1 | 33.5 | 33.5 | 33.8 | 33.9 | 34.1 | 34.7 |
| ≥ 9000 | 19.3 | 24.2 | 25.9 | 27.6 | 30.2 | 31.3 | 32.8 | 34.0 | 34.3 | 34.8 | 35.2 | 35.3 | 35.5 | 35.6 | 35.8 | 36.4 |
| ≥ 8000 | 21.5 | 26.5 | 28.4 | 30.1 | 32.8 | 33.9 | 35.5 | 36.7 | 37.0 | 37.6 | 37.9 | 38.0 | 38.2 | 38.4 | 38.6 | 39.1 |
| ≥ 7000 | 23.7 | 29.2 | 31.2 | 33.0 | 35.8 | 36.9 | 38.6 | 39.9 | 40.2 | 40.8 | 41.2 | 41.3 | 41.5 | 41.7 | 41.9 | 42.4 |
| ≥ 6000 | 25.3 | 31.0 | 33.1 | 35.0 | 37.9 | 39.1 | 40.9 | 42.1 | 42.5 | 43.0 | 43.5 | 43.5 | 43.8 | 44.0 | 44.2 | 44.7 |
| ≥ 5000 | 28.6 | 34.8 | 37.2 | 39.2 | 42.2 | 43.4 | 45.4 | 46.8 | 47.2 | 47.7 | 48.2 | 48.3 | 48.5 | 48.7 | 48.9 | 49.4 |
| ≥ 4500 | 29.9 | 36.0 | 39.0 | 41.2 | 44.3 | 45.5 | 47.6 | 49.1 | 49.5 | 50.1 | 50.6 | 50.7 | 50.9 | 51.1 | 51.3 | 51.8 |
| ≥ 4000 | 32.7 | 40.5 | 43.1 | 45.7 | 49.2 | 50.5 | 52.7 | 54.3 | 54.7 | 55.5 | 56.0 | 56.1 | 56.4 | 56.5 | 56.7 | 57.3 |
| ≥ 3500 | 35.5 | 44.4 | 47.3 | 50.0 | 53.8 | 55.2 | 57.8 | 59.4 | 59.8 | 60.8 | 61.3 | 61.4 | 61.7 | 61.8 | 62.1 | 62.7 |
| ≥ 3000 | 38.6 | 48.6 | 51.9 | 55.0 | 59.2 | 60.6 | 63.3 | 65.0 | 65.4 | 66.4 | 67.0 | 67.1 | 67.4 | 67.6 | 67.8 | 68.4 |
| ≥ 2500 | 41.7 | 53.4 | 57.3 | 60.7 | 65.1 | 66.6 | 69.6 | 71.4 | 71.9 | 72.9 | 73.7 | 73.8 | 74.1 | 74.2 | 74.5 | 75.1 |
| ≥ 2000 | 44.7 | 58.6 | 63.1 | 66.8 | 71.5 | 73.0 | 76.2 | 78.1 | 78.6 | 79.8 | 80.7 | 80.8 | 81.2 | 81.3 | 81.6 | 82.2 |
| ≥ 1800 | 45.0 | 59.5 | 64.0 | 67.9 | 72.6 | 74.2 | 77.4 | 79.4 | 79.8 | 81.1 | 82.0 | 82.1 | 82.4 | 82.6 | 82.9 | 83.5 |
| ≥ 1500 | 46.2 | 61.1 | 66.0 | 70.0 | 75.3 | 76.9 | 80.3 | 82.4 | 83.0 | 84.2 | 85.1 | 85.2 | 85.6 | 85.8 | 86.0 | 86.7 |
| ≥ 1200 | 46.7 | 62.3 | 67.5 | 71.7 | 77.2 | 78.8 | 82.3 | 84.5 | 85.1 | 86.4 | 87.2 | 87.4 | 87.7 | 87.9 | 88.1 | 88.8 |
| ≥ 1000 | 47.1 | 62.9 | 68.2 | 72.4 | 78.3 | 80.0 | 83.6 | 86.0 | 86.5 | 88.0 | 89.0 | 89.1 | 89.5 | 89.6 | 89.9 | 90.6 |
| ≥ 900 | 47.2 | 63.0 | 68.3 | 72.6 | 78.5 | 80.2 | 83.9 | 86.3 | 86.9 | 88.4 | 89.3 | 89.4 | 89.8 | 90.0 | 90.2 | 90.9 |
| ≥ 800 | 47.2 | 63.2 | 68.5 | 73.1 | 79.1 | 80.8 | 84.5 | 86.9 | 87.5 | 89.1 | 90.0 | 90.2 | 90.6 | 90.8 | 91.0 | 91.7 |
| ≥ 700 | 47.3 | 63.6 | 68.9 | 73.5 | 79.5 | 81.3 | 85.2 | 87.7 | 88.3 | 89.8 | 90.9 | 91.0 | 91.4 | 91.6 | 91.9 | 92.6 |
| ≥ 600 | 47.3 | 63.6 | 68.9 | 73.5 | 79.6 | 81.4 | 85.3 | 88.0 | 88.6 | 90.1 | 91.3 | 91.5 | 92.0 | 92.2 | 92.5 | 93.2 |
| ≥ 500 | 47.3 | 63.6 | 69.0 | 73.6 | 79.7 | 81.7 | 85.7 | 88.4 | 89.1 | 90.9 | 92.3 | 92.5 | 93.1 | 93.3 | 93.8 | 94.5 |
| ≥ 400 | 47.3 | 63.7 | 69.0 | 73.7 | 79.7 | 81.8 | 85.9 | 88.8 | 89.5 | 91.4 | 92.9 | 93.2 | 93.9 | 94.1 | 94.6 | 95.3 |
| ≥ 300 | 47.3 | 63.7 | 69.0 | 73.7 | 79.8 | 81.9 | 86.1 | 89.0 | 89.7 | 91.8 | 93.4 | 93.7 | 94.5 | 94.9 | 95.6 | 96.4 |
| ≥ 200 | 47.3 | 63.7 | 69.0 | 73.7 | 79.8 | 81.9 | 86.1 | 89.0 | 89.7 | 91.9 | 93.5 | 93.8 | 94.6 | 95.3 | 96.2 | 97.4 |
| ≥ 100 | 47.3 | 63.7 | 69.0 | 73.7 | 79.8 | 81.9 | 86.1 | 89.0 | 89.7 | 91.9 | 93.5 | 93.8 | 94.6 | 95.3 | 96.2 | 98.5 |
| ≥ 0 | 47.3 | 63.7 | 69.0 | 73.7 | 79.8 | 81.9 | 86.1 | 89.0 | 89.7 | 91.9 | 93.5 | 93.8 | 94.7 | 95.3 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2689

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 12.2 | 15.7 | 16.5 | 17.9 | 18.8 | 19.0 | 19.3 | 19.6 | 19.7 | 19.9 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 |
| ≥ 20000 | 15.7 | 20.2 | 21.5 | 23.1 | 24.2 | 24.5 | 24.9 | 25.3 | 25.5 | 26.0 | 26.1 | 26.1 | 26.2 | 26.2 | 26.2 | 26.2 |
| ≥ 18000 | 15.9 | 20.4 | 21.8 | 23.4 | 24.5 | 24.8 | 25.1 | 25.6 | 25.8 | 26.2 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| ≥ 16000 | 16.3 | 20.9 | 22.3 | 23.9 | 25.1 | 25.4 | 25.8 | 26.3 | 26.5 | 26.9 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 |
| ≥ 14000 | 17.4 | 22.2 | 23.8 | 25.5 | 26.8 | 27.1 | 27.5 | 28.0 | 28.2 | 28.7 | 28.8 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 |
| ≥ 12000 | 18.7 | 23.7 | 25.4 | 27.2 | 28.6 | 29.0 | 29.5 | 30.0 | 30.2 | 30.7 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 31.0 |
| ≥ 10000 | 19.9 | 25.3 | 27.1 | 29.0 | 30.7 | 31.1 | 31.6 | 32.3 | 32.4 | 33.0 | 33.2 | 33.3 | 33.4 | 33.4 | 33.4 | 33.4 |
| ≥ 9000 | 20.7 | 26.3 | 28.2 | 30.1 | 31.8 | 32.2 | 32.7 | 33.4 | 33.6 | 34.2 | 34.4 | 34.4 | 34.5 | 34.5 | 34.5 | 34.6 |
| ≥ 8000 | 22.9 | 28.8 | 30.8 | 32.9 | 34.9 | 35.4 | 36.0 | 36.8 | 37.0 | 37.6 | 37.8 | 37.8 | 37.9 | 37.9 | 37.9 | 37.9 |
| ≥ 7000 | 24.7 | 31.1 | 33.2 | 35.5 | 37.5 | 37.9 | 38.7 | 39.4 | 39.6 | 40.2 | 40.4 | 40.4 | 40.6 | 40.6 | 40.6 | 40.6 |
| ≥ 6000 | 26.0 | 33.1 | 35.3 | 37.6 | 39.7 | 40.2 | 41.0 | 41.7 | 41.9 | 42.6 | 42.8 | 42.8 | 42.9 | 42.9 | 42.9 | 43.0 |
| ≥ 5000 | 28.7 | 36.6 | 38.9 | 41.2 | 43.5 | 44.0 | 44.9 | 45.8 | 46.0 | 46.7 | 46.9 | 47.0 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 4500 | 30.0 | 38.1 | 40.7 | 43.1 | 45.5 | 46.0 | 47.0 | 47.9 | 48.1 | 49.0 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.4 |
| ≥ 4000 | 33.3 | 42.0 | 44.9 | 47.5 | 50.0 | 50.6 | 51.8 | 52.9 | 53.1 | 54.0 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.5 |
| ≥ 3500 | 36.9 | 46.8 | 49.9 | 52.6 | 55.2 | 55.8 | 57.2 | 58.3 | 58.6 | 59.6 | 59.8 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 3000 | 41.3 | 52.8 | 56.1 | 59.0 | 61.9 | 62.6 | 64.1 | 65.3 | 65.6 | 66.6 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 2500 | 46.8 | 59.8 | 63.4 | 66.4 | 69.6 | 70.3 | 71.9 | 73.1 | 73.5 | 74.5 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 2000 | 51.4 | 66.0 | 70.2 | 73.7 | 77.2 | 77.8 | 79.7 | 81.0 | 81.4 | 82.5 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 |
| ≥ 1800 | 52.9 | 67.9 | 72.1 | 75.6 | 79.2 | 79.8 | 81.7 | 83.1 | 83.5 | 84.6 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1500 | 54.1 | 69.9 | 74.7 | 78.5 | 82.3 | 83.1 | 85.2 | 86.6 | 87.1 | 88.3 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 |
| ≥ 1200 | 54.8 | 71.3 | 76.5 | 80.5 | 84.6 | 85.3 | 87.5 | 89.0 | 89.5 | 90.7 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1000 | 55.1 | 71.8 | 77.3 | 81.6 | 86.2 | 87.1 | 89.3 | 90.9 | 91.4 | 92.7 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 900 | 55.3 | 72.2 | 77.8 | 82.1 | 86.8 | 87.7 | 89.9 | 91.5 | 92.0 | 93.5 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 |
| ≥ 800 | 55.4 | 72.4 | 78.1 | 82.6 | 87.4 | 88.4 | 90.7 | 92.4 | 93.0 | 94.5 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 55.6 | 72.6 | 78.4 | 83.0 | 87.8 | 88.9 | 91.2 | 93.1 | 93.7 | 95.4 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 600 | 55.4 | 72.7 | 78.5 | 83.1 | 88.0 | 89.2 | 91.7 | 93.8 | 94.5 | 96.3 | 96.8 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 55.4 | 72.7 | 78.5 | 83.1 | 88.1 | 89.4 | 92.2 | 94.3 | 95.0 | 97.1 | 97.6 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 55.4 | 72.7 | 78.5 | 83.2 | 88.2 | 89.6 | 92.3 | 94.7 | 95.4 | 97.7 | 98.4 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 |
| ≥ 300 | 55.4 | 72.7 | 78.5 | 83.2 | 88.2 | 89.6 | 92.4 | 94.8 | 95.6 | 98.0 | 98.6 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 200 | 55.4 | 72.7 | 78.5 | 83.2 | 88.2 | 89.6 | 92.4 | 94.8 | 95.6 | 98.0 | 98.8 | 99.2 | 99.5 | 99.6 | 99.9 | 100.0 |
| ≥ 100 | 55.4 | 72.7 | 78.5 | 83.2 | 88.2 | 89.6 | 92.4 | 94.8 | 95.6 | 98.0 | 98.8 | 99.2 | 99.5 | 99.6 | 99.9 | 100.0 |
| ≥ 0 | 55.4 | 72.7 | 78.5 | 83.2 | 88.2 | 89.6 | 92.4 | 94.8 | 95.6 | 98.0 | 98.8 | 99.2 | 99.5 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2688

USAF ETAC

FORM 1-71

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | >10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.2 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 16.2 | 20.2 | 21.5 | 22.1 | 22.8 | 22.9 | 23.2 | 23.3 | 23.3 | 23.3 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 |
| ≥ 20000 | 20.2 | 25.0 | 26.8 | 27.7 | 29.1 | 29.3 | 30.0 | 30.3 | 30.3 | 30.3 | 30.6 | 30.6 | 30.6 | 30.7 | 30.7 | 30.7 |
| ≥ 18000 | 20.3 | 25.2 | 27.0 | 28.0 | 29.3 | 29.5 | 30.3 | 30.6 | 30.6 | 30.8 | 30.9 | 30.9 | 31.0 | 31.0 | 31.0 | 31.0 |
| ≥ 16000 | 20.7 | 25.8 | 27.6 | 28.6 | 30.0 | 30.2 | 30.9 | 31.3 | 31.3 | 31.5 | 31.6 | 31.6 | 31.7 | 31.7 | 31.7 | 31.7 |
| ≥ 14000 | 21.8 | 27.2 | 29.3 | 30.3 | 31.8 | 32.1 | 32.8 | 33.2 | 33.2 | 33.4 | 33.5 | 33.5 | 33.6 | 33.6 | 33.6 | 33.6 |
| ≥ 12000 | 23.5 | 29.3 | 31.4 | 32.5 | 34.2 | 34.5 | 35.4 | 35.9 | 35.9 | 36.1 | 36.2 | 36.2 | 36.3 | 36.3 | 36.3 | 36.3 |
| ≥ 10000 | 25.2 | 31.5 | 33.7 | 34.9 | 36.7 | 37.0 | 38.0 | 38.5 | 38.7 | 38.9 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| ≥ 9000 | 25.9 | 32.4 | 34.7 | 35.9 | 37.7 | 38.1 | 39.1 | 39.6 | 39.8 | 40.1 | 40.2 | 40.2 | 40.3 | 40.3 | 40.3 | 40.3 |
| ≥ 8000 | 27.9 | 33.1 | 37.6 | 38.9 | 40.9 | 41.3 | 42.5 | 42.9 | 43.1 | 43.4 | 43.5 | 43.5 | 43.6 | 43.6 | 43.6 | 43.6 |
| ≥ 7000 | 29.9 | 37.4 | 39.9 | 41.4 | 43.5 | 43.9 | 45.1 | 45.6 | 45.7 | 46.0 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 6000 | 32.2 | 40.1 | 42.8 | 44.4 | 46.5 | 47.0 | 48.2 | 48.8 | 49.0 | 49.3 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 5000 | 33.7 | 44.1 | 47.0 | 48.8 | 51.1 | 51.5 | 52.9 | 53.6 | 53.7 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 4500 | 36.9 | 45.7 | 48.8 | 50.6 | 53.0 | 53.5 | 54.9 | 55.6 | 55.8 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 4000 | 40.6 | 50.4 | 53.8 | 55.6 | 58.3 | 58.8 | 60.5 | 61.3 | 61.5 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 3500 | 44.4 | 55.1 | 58.9 | 60.9 | 63.7 | 64.3 | 66.1 | 67.1 | 67.3 | 67.7 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 3000 | 47.4 | 59.3 | 63.5 | 65.7 | 69.1 | 69.7 | 71.8 | 72.9 | 73.1 | 73.6 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.2 |
| ≥ 2500 | 51.5 | 65.7 | 70.3 | 72.7 | 76.4 | 77.0 | 79.2 | 80.4 | 80.5 | 81.1 | 81.6 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 |
| ≥ 2000 | 54.7 | 70.3 | 75.3 | 78.0 | 82.1 | 82.8 | 85.0 | 86.2 | 86.4 | 87.1 | 87.6 | 87.6 | 87.8 | 87.9 | 88.0 | 88.0 |
| ≥ 1800 | 55.1 | 70.9 | 75.9 | 78.7 | 82.9 | 83.6 | 85.9 | 87.1 | 87.4 | 88.0 | 88.5 | 88.5 | 88.8 | 88.9 | 89.0 | 89.0 |
| ≥ 1500 | 56.0 | 72.6 | 78.0 | 81.0 | 85.6 | 86.4 | 88.7 | 90.2 | 90.4 | 91.3 | 91.8 | 91.8 | 92.1 | 92.1 | 92.2 | 92.2 |
| ≥ 1200 | 56.3 | 73.4 | 79.1 | 82.3 | 87.1 | 87.9 | 90.4 | 91.9 | 92.2 | 93.1 | 93.6 | 93.6 | 93.9 | 93.9 | 94.0 | 94.1 |
| ≥ 1000 | 56.5 | 74.1 | 80.0 | 83.3 | 88.5 | 89.3 | 92.0 | 93.7 | 94.0 | 95.0 | 95.6 | 95.6 | 95.9 | 95.9 | 96.0 | 96.1 |
| ≥ 900 | 56.5 | 74.2 | 80.2 | 83.5 | 88.7 | 89.6 | 92.4 | 94.1 | 94.4 | 95.4 | 96.0 | 96.0 | 96.3 | 96.3 | 96.5 | 96.5 |
| ≥ 800 | 56.6 | 74.5 | 80.3 | 83.8 | 89.1 | 90.0 | 93.0 | 94.7 | 95.0 | 96.1 | 96.8 | 96.8 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 700 | 56.6 | 74.5 | 80.5 | 83.9 | 89.3 | 90.3 | 93.4 | 95.1 | 95.5 | 96.5 | 97.2 | 97.2 | 97.5 | 97.5 | 97.7 | 97.7 |
| ≥ 600 | 56.6 | 74.6 | 80.6 | 84.1 | 89.5 | 90.6 | 93.6 | 95.4 | 95.8 | 96.9 | 97.6 | 97.6 | 97.9 | 98.0 | 98.1 | 98.1 |
| ≥ 500 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.7 | 93.8 | 95.8 | 96.2 | 97.3 | 98.1 | 98.1 | 98.5 | 98.5 | 98.7 | 98.7 |
| ≥ 400 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.8 | 94.0 | 96.0 | 96.5 | 97.7 | 98.5 | 98.5 | 99.0 | 99.1 | 99.2 | 99.3 |
| ≥ 300 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.8 | 94.0 | 96.1 | 96.5 | 97.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 200 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.8 | 94.0 | 96.1 | 96.5 | 97.8 | 98.7 | 98.8 | 99.5 | 99.5 | 99.7 | 99.8 |
| ≥ 100 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.8 | 94.0 | 96.1 | 96.5 | 97.8 | 98.7 | 98.9 | 99.6 | 99.6 | 99.9 | 99.9 |
| ≥ 0 | 56.6 | 74.7 | 80.7 | 84.2 | 89.6 | 90.8 | 94.0 | 96.1 | 96.5 | 97.8 | 98.7 | 98.9 | 99.6 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING ≥ 20000 | 18.8 | 23.5 | 25.6 | 26.5 | 27.5 | 27.8 | 29.2 | 30.1 | 30.3 | 30.6 | 30.8 | 30.8 | 31.0 | 31.0 | 31.0 | 31.2 |
| ≥ 18000 | 21.2 | 26.5 | 29.0 | 30.2 | 31.4 | 31.8 | 33.3 | 34.3 | 34.5 | 35.0 | 35.2 | 35.2 | 35.4 | 35.5 | 35.5 | 35.7 |
| ≥ 16000 | 21.4 | 26.7 | 29.3 | 30.4 | 31.7 | 32.1 | 33.6 | 34.6 | 34.8 | 35.3 | 35.5 | 35.5 | 35.7 | 35.8 | 35.8 | 36.0 |
| ≥ 14000 | 21.6 | 26.9 | 29.6 | 30.8 | 32.0 | 32.4 | 33.9 | 34.9 | 35.1 | 35.6 | 35.8 | 35.8 | 36.1 | 36.1 | 36.1 | 36.3 |
| ≥ 12000 | 22.7 | 28.6 | 31.4 | 32.6 | 34.0 | 34.5 | 36.1 | 37.1 | 37.2 | 37.8 | 38.0 | 38.0 | 38.3 | 38.3 | 38.4 | 38.5 |
| ≥ 10000 | 24.1 | 30.3 | 33.3 | 34.6 | 36.1 | 36.6 | 38.4 | 39.4 | 39.6 | 40.2 | 40.4 | 40.4 | 40.7 | 40.7 | 40.7 | 40.9 |
| ≥ 8000 | 25.7 | 32.3 | 35.5 | 37.0 | 38.6 | 39.1 | 41.0 | 42.1 | 42.3 | 42.9 | 43.2 | 43.2 | 43.5 | 43.5 | 43.6 | 43.7 |
| ≥ 6000 | 26.3 | 33.2 | 36.5 | 38.1 | 39.8 | 40.3 | 42.2 | 43.3 | 43.5 | 44.1 | 44.4 | 44.4 | 44.7 | 44.7 | 44.8 | 45.0 |
| ≥ 4000 | 27.7 | 35.1 | 38.6 | 40.4 | 42.2 | 42.7 | 44.6 | 45.9 | 46.1 | 46.7 | 47.1 | 47.1 | 47.3 | 47.4 | 47.4 | 47.6 |
| ≥ 2000 | 29.8 | 38.3 | 42.0 | 43.8 | 45.7 | 46.2 | 48.2 | 49.4 | 49.6 | 50.2 | 50.6 | 50.6 | 50.9 | 50.9 | 50.9 | 51.1 |
| ≥ 1000 | 31.1 | 40.0 | 43.8 | 45.8 | 47.7 | 48.2 | 50.2 | 51.5 | 51.7 | 52.4 | 52.8 | 52.8 | 53.0 | 53.1 | 53.1 | 53.3 |
| ≥ 500 | 33.5 | 43.7 | 47.8 | 49.9 | 51.9 | 52.4 | 54.5 | 55.8 | 56.0 | 56.7 | 57.1 | 57.2 | 57.4 | 57.5 | 57.5 | 57.7 |
| ≥ 250 | 35.3 | 45.9 | 50.1 | 52.3 | 54.4 | 55.0 | 57.1 | 58.5 | 58.7 | 59.4 | 59.9 | 59.9 | 60.2 | 60.2 | 60.2 | 60.4 |
| ≥ 150 | 38.7 | 50.4 | 54.8 | 57.2 | 59.5 | 60.1 | 62.3 | 63.7 | 63.9 | 64.7 | 65.2 | 65.2 | 65.5 | 65.5 | 65.6 | 65.8 |
| ≥ 100 | 41.3 | 54.3 | 59.2 | 62.2 | 64.4 | 65.1 | 67.3 | 68.8 | 69.0 | 70.0 | 70.5 | 70.5 | 70.8 | 70.8 | 70.9 | 71.1 |
| ≥ 50 | 44.2 | 58.9 | 64.0 | 67.5 | 70.1 | 70.9 | 73.2 | 74.7 | 74.9 | 75.0 | 76.6 | 76.6 | 76.9 | 76.9 | 77.0 | 77.2 |
| ≥ 25 | 47.0 | 64.3 | 69.8 | 73.7 | 76.5 | 77.2 | 79.8 | 81.4 | 81.6 | 82.7 | 83.4 | 83.5 | 83.8 | 83.9 | 84.0 | 84.2 |
| ≥ 15 | 49.5 | 68.6 | 74.5 | 78.6 | 81.8 | 82.7 | 85.5 | 87.2 | 87.4 | 88.5 | 89.3 | 89.5 | 89.8 | 89.8 | 89.9 | 90.1 |
| ≥ 10 | 49.9 | 69.1 | 75.2 | 79.3 | 82.5 | 83.5 | 86.5 | 88.2 | 88.5 | 89.6 | 90.4 | 90.5 | 90.8 | 90.9 | 91.0 | 91.2 |
| ≥ 5 | 50.9 | 71.0 | 77.2 | 81.8 | 85.0 | 86.1 | 89.2 | 91.0 | 91.2 | 92.4 | 93.2 | 93.4 | 93.7 | 93.7 | 93.8 | 94.0 |
| ≥ 2 | 51.4 | 71.8 | 78.2 | 82.9 | 86.2 | 87.3 | 90.5 | 92.2 | 92.5 | 93.8 | 94.6 | 94.8 | 95.1 | 95.1 | 95.2 | 95.5 |
| ≥ 1 | 51.4 | 72.2 | 78.6 | 83.4 | 86.9 | 87.9 | 91.3 | 93.1 | 93.4 | 94.7 | 95.6 | 95.7 | 96.1 | 96.1 | 96.2 | 96.5 |
| ≥ 0.5 | 51.4 | 72.2 | 78.8 | 83.6 | 87.1 | 88.2 | 91.6 | 93.4 | 93.7 | 95.0 | 95.9 | 96.1 | 96.4 | 96.5 | 96.6 | 96.8 |
| ≥ 0.2 | 51.4 | 72.2 | 78.8 | 83.6 | 87.2 | 88.3 | 91.7 | 93.5 | 92.9 | 95.2 | 96.2 | 96.3 | 96.7 | 96.7 | 96.8 | 97.1 |
| ≥ 0.1 | 51.5 | 72.3 | 78.9 | 83.7 | 87.3 | 88.5 | 91.9 | 93.7 | 94.0 | 95.4 | 96.4 | 96.5 | 96.9 | 96.9 | 97.0 | 97.3 |
| ≥ 0.05 | 51.5 | 72.3 | 79.0 | 83.8 | 87.4 | 88.6 | 92.0 | 93.9 | 94.2 | 95.5 | 96.5 | 96.7 | 97.1 | 97.1 | 97.3 | 97.5 |
| ≥ 0.02 | 51.5 | 72.3 | 79.0 | 83.9 | 87.6 | 88.7 | 92.1 | 94.1 | 94.4 | 95.8 | 96.8 | 97.0 | 97.5 | 97.5 | 97.7 | 97.9 |
| ≥ 0.01 | 51.5 | 72.3 | 79.0 | 84.0 | 87.6 | 88.7 | 92.2 | 94.1 | 94.5 | 96.0 | 97.2 | 97.4 | 97.8 | 97.9 | 98.0 | 98.3 |
| ≥ 0.005 | 51.5 | 72.3 | 79.0 | 84.0 | 87.7 | 88.8 | 92.2 | 94.2 | 94.7 | 96.3 | 97.6 | 97.8 | 98.2 | 98.3 | 98.5 | 98.7 |
| ≥ 0.002 | 51.5 | 72.3 | 79.0 | 84.0 | 87.7 | 88.8 | 92.3 | 94.4 | 94.9 | 96.5 | 97.8 | 98.0 | 98.6 | 98.6 | 98.8 | 99.1 |
| ≥ 0.001 | 51.5 | 72.3 | 79.0 | 84.0 | 87.7 | 88.8 | 92.3 | 94.4 | 94.9 | 96.5 | 97.8 | 98.0 | 98.6 | 98.6 | 98.8 | 99.1 |
| ≥ 0.000 | 51.5 | 72.3 | 79.0 | 84.0 | 87.7 | 88.8 | 92.3 | 94.4 | 94.9 | 96.5 | 97.8 | 98.0 | 98.6 | 98.6 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 17.8 | 23.6 | 26.4 | 28.2 | 30.1 | 30.4 | 31.8 | 32.5 | 32.6 | 33.3 | 33.8 | 33.9 | 34.4 | 34.6 | 34.8 | 35.4 |
| ≥ 20000 | 19.9 | 26.1 | 29.0 | 31.2 | 33.3 | 33.8 | 35.3 | 36.1 | 36.2 | 37.1 | 37.7 | 37.7 | 38.3 | 38.5 | 38.7 | 39.4 |
| ≥ 18000 | 19.9 | 26.2 | 29.2 | 31.4 | 33.5 | 34.0 | 35.6 | 36.3 | 36.5 | 37.3 | 37.9 | 37.9 | 38.5 | 38.7 | 38.9 | 39.6 |
| ≥ 16000 | 20.2 | 26.5 | 29.4 | 31.6 | 33.7 | 34.3 | 35.8 | 36.6 | 36.7 | 37.6 | 38.2 | 38.2 | 38.8 | 39.0 | 39.2 | 39.9 |
| ≥ 14000 | 21.0 | 27.5 | 30.5 | 32.8 | 35.1 | 35.7 | 37.4 | 38.2 | 38.3 | 39.2 | 39.9 | 39.9 | 40.5 | 40.7 | 40.9 | 41.6 |
| ≥ 12000 | 21.8 | 28.8 | 31.8 | 34.2 | 36.7 | 37.4 | 39.1 | 40.1 | 40.2 | 41.1 | 41.8 | 41.8 | 42.5 | 42.7 | 42.8 | 43.6 |
| ≥ 10000 | 22.7 | 30.2 | 33.3 | 35.7 | 38.3 | 39.1 | 40.9 | 41.9 | 42.1 | 43.1 | 43.8 | 43.8 | 44.5 | 44.7 | 44.9 | 45.7 |
| ≥ 9000 | 23.4 | 31.4 | 34.5 | 37.0 | 39.6 | 40.5 | 42.3 | 43.3 | 43.4 | 44.4 | 45.2 | 45.2 | 45.9 | 46.1 | 46.3 | 47.1 |
| ≥ 8000 | 25.2 | 33.8 | 37.2 | 39.6 | 42.3 | 43.1 | 45.0 | 46.1 | 46.2 | 47.2 | 48.0 | 48.0 | 48.7 | 48.9 | 49.1 | 49.9 |
| ≥ 7000 | 26.7 | 35.7 | 39.4 | 41.9 | 44.6 | 45.4 | 47.3 | 48.4 | 48.6 | 49.6 | 50.4 | 50.5 | 51.1 | 51.3 | 51.5 | 52.3 |
| ≥ 6000 | 28.4 | 37.9 | 41.6 | 44.4 | 47.0 | 47.9 | 49.7 | 50.9 | 51.1 | 52.2 | 53.0 | 53.0 | 53.7 | 53.9 | 54.1 | 54.9 |
| ≥ 5000 | 30.8 | 41.6 | 45.8 | 48.8 | 51.6 | 52.4 | 54.3 | 55.3 | 55.6 | 56.7 | 57.6 | 57.6 | 58.2 | 58.5 | 58.6 | 59.4 |
| ≥ 4500 | 32.7 | 44.1 | 48.4 | 51.4 | 54.3 | 55.3 | 57.2 | 58.4 | 58.6 | 59.8 | 60.6 | 60.7 | 61.3 | 61.5 | 61.7 | 62.5 |
| ≥ 4000 | 35.2 | 48.3 | 52.9 | 56.1 | 59.0 | 59.9 | 61.9 | 63.1 | 63.3 | 64.7 | 65.5 | 65.6 | 66.2 | 66.4 | 66.6 | 67.5 |
| ≥ 3500 | 38.0 | 52.0 | 56.9 | 60.2 | 63.2 | 64.2 | 66.2 | 67.6 | 67.8 | 69.2 | 70.1 | 70.2 | 70.8 | 71.0 | 71.2 | 72.1 |
| ≥ 3000 | 40.3 | 56.3 | 61.5 | 65.3 | 68.8 | 69.7 | 72.0 | 73.5 | 73.6 | 75.2 | 76.2 | 76.2 | 76.9 | 77.1 | 77.3 | 78.2 |
| ≥ 2500 | 43.2 | 61.1 | 66.6 | 70.7 | 74.4 | 75.4 | 77.8 | 79.3 | 79.5 | 81.1 | 82.3 | 82.4 | 83.0 | 83.3 | 83.5 | 84.3 |
| ≥ 2000 | 46.4 | 66.2 | 72.0 | 76.4 | 80.3 | 81.4 | 83.8 | 85.5 | 85.7 | 87.5 | 88.7 | 88.7 | 89.4 | 89.6 | 89.8 | 90.7 |
| ≥ 1800 | 46.5 | 66.5 | 72.4 | 76.9 | 80.8 | 81.9 | 84.3 | 86.0 | 86.2 | 87.9 | 89.2 | 89.2 | 89.9 | 90.1 | 90.3 | 91.2 |
| ≥ 1500 | 47.3 | 68.0 | 74.1 | 78.8 | 82.8 | 83.9 | 86.3 | 87.9 | 88.2 | 90.0 | 91.2 | 91.2 | 91.9 | 92.2 | 92.4 | 93.3 |
| ≥ 1200 | 48.0 | 69.3 | 75.5 | 80.5 | 84.4 | 85.6 | 88.0 | 89.7 | 90.0 | 91.9 | 93.1 | 93.2 | 93.9 | 94.1 | 94.3 | 95.2 |
| ≥ 1000 | 48.1 | 69.7 | 76.0 | 81.0 | 85.1 | 86.3 | 88.7 | 90.5 | 90.8 | 92.7 | 94.0 | 94.0 | 94.8 | 95.0 | 95.2 | 96.1 |
| ≥ 900 | 48.2 | 69.9 | 76.2 | 81.3 | 85.4 | 86.6 | 89.0 | 90.8 | 91.1 | 93.0 | 94.3 | 94.3 | 95.1 | 95.3 | 95.5 | 96.4 |
| ≥ 800 | 48.2 | 70.0 | 76.4 | 81.4 | 85.6 | 86.7 | 89.2 | 90.9 | 91.2 | 93.2 | 94.5 | 94.6 | 95.3 | 95.6 | 95.8 | 96.7 |
| ≥ 700 | 48.2 | 70.0 | 76.4 | 81.4 | 85.6 | 86.8 | 89.3 | 91.1 | 91.4 | 93.4 | 94.7 | 94.8 | 95.5 | 95.8 | 96.0 | 96.9 |
| ≥ 600 | 48.3 | 70.0 | 76.4 | 81.5 | 85.7 | 86.9 | 89.4 | 91.2 | 91.5 | 93.6 | 95.0 | 95.1 | 95.8 | 96.1 | 96.3 | 97.2 |
| ≥ 500 | 48.3 | 70.0 | 76.5 | 81.6 | 85.9 | 87.2 | 89.6 | 91.5 | 91.8 | 93.9 | 95.3 | 95.4 | 96.3 | 96.5 | 96.7 | 97.7 |
| ≥ 400 | 48.3 | 70.1 | 76.5 | 81.7 | 86.1 | 87.3 | 89.9 | 91.7 | 92.1 | 94.1 | 95.7 | 95.7 | 96.7 | 96.9 | 97.2 | 98.1 |
| ≥ 300 | 48.3 | 70.1 | 76.5 | 81.7 | 86.2 | 87.4 | 89.9 | 91.8 | 92.3 | 94.4 | 96.0 | 96.0 | 97.0 | 97.2 | 97.5 | 98.4 |
| ≥ 200 | 48.3 | 70.1 | 76.5 | 81.7 | 86.2 | 87.5 | 90.0 | 91.9 | 92.4 | 94.5 | 96.1 | 96.2 | 97.2 | 97.6 | 97.9 | 99.0 |
| ≥ 100 | 48.3 | 70.1 | 76.5 | 81.7 | 86.2 | 87.5 | 90.0 | 91.9 | 92.4 | 94.5 | 96.1 | 96.2 | 97.2 | 97.6 | 98.0 | 99.1 |
| ≥ 0 | 48.3 | 70.1 | 76.5 | 81.7 | 86.2 | 87.5 | 90.0 | 91.9 | 92.4 | 94.5 | 96.1 | 96.2 | 97.2 | 97.6 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS...

2694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGT. N/TACOMA

41-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 21.0 | 28.0 | 30.8 | 33.1 | 35.2 | 35.6 | 36.6 | 37.1 | 37.4 | 38.0 | 38.4 | 38.4 | 38.8 | 38.9 | 39.1 | 39.2 |
| ≥ 20000 | 22.3 | 29.7 | 32.7 | 35.1 | 37.5 | 37.9 | 39.1 | 39.8 | 40.1 | 40.8 | 41.2 | 41.2 | 41.6 | 41.7 | 41.9 | 42.0 |
| ≥ 18000 | 22.3 | 29.8 | 32.8 | 35.3 | 37.7 | 38.1 | 39.3 | 40.0 | 40.3 | 41.0 | 41.4 | 41.4 | 41.8 | 41.9 | 42.1 | 42.2 |
| ≥ 16000 | 22.4 | 30.0 | 33.1 | 35.5 | 37.9 | 38.3 | 39.6 | 40.3 | 40.6 | 41.3 | 41.7 | 41.7 | 42.0 | 42.2 | 42.4 | 42.5 |
| ≥ 14000 | 23.1 | 31.0 | 34.2 | 36.6 | 39.1 | 39.4 | 40.8 | 41.5 | 41.8 | 42.5 | 42.9 | 42.9 | 43.3 | 43.5 | 43.6 | 43.8 |
| ≥ 12000 | 23.9 | 32.3 | 35.5 | 38.0 | 40.5 | 40.9 | 42.2 | 42.9 | 43.2 | 44.0 | 44.3 | 44.3 | 44.7 | 44.9 | 45.0 | 45.2 |
| ≥ 10000 | 25.3 | 33.9 | 37.3 | 39.9 | 42.4 | 42.8 | 44.2 | 44.9 | 45.2 | 46.0 | 46.3 | 46.3 | 46.7 | 46.9 | 47.0 | 47.2 |
| ≥ 9000 | 26.0 | 34.8 | 38.4 | 41.0 | 43.6 | 44.0 | 45.4 | 46.1 | 46.4 | 47.1 | 47.5 | 47.5 | 47.9 | 48.0 | 48.2 | 48.3 |
| ≥ 8000 | 27.7 | 37.1 | 40.8 | 43.5 | 46.1 | 46.5 | 47.9 | 48.6 | 49.0 | 49.7 | 50.1 | 50.1 | 50.5 | 50.6 | 50.8 | 50.9 |
| ≥ 7000 | 30.5 | 40.6 | 44.4 | 47.4 | 50.0 | 50.4 | 51.8 | 52.5 | 52.9 | 53.6 | 54.0 | 54.0 | 54.4 | 54.6 | 54.7 | 54.9 |
| ≥ 6000 | 32.1 | 42.7 | 46.7 | 49.6 | 52.3 | 52.7 | 54.2 | 54.9 | 55.3 | 56.0 | 56.4 | 56.4 | 56.8 | 56.9 | 57.1 | 57.2 |
| ≥ 5000 | 35.6 | 47.5 | 51.7 | 54.7 | 57.5 | 57.8 | 59.4 | 60.2 | 60.6 | 61.3 | 61.7 | 61.7 | 62.1 | 62.3 | 62.4 | 62.6 |
| ≥ 4500 | 37.2 | 49.9 | 54.2 | 57.2 | 60.0 | 60.4 | 62.1 | 62.9 | 63.3 | 64.0 | 64.4 | 64.4 | 64.8 | 65.0 | 65.1 | 65.3 |
| ≥ 4000 | 40.1 | 54.5 | 58.8 | 62.0 | 64.8 | 65.3 | 67.1 | 67.8 | 68.2 | 69.0 | 69.4 | 69.4 | 69.8 | 69.9 | 70.1 | 70.2 |
| ≥ 3500 | 43.2 | 59.1 | 63.7 | 66.9 | 69.8 | 70.3 | 72.1 | 73.0 | 73.4 | 74.2 | 74.6 | 74.6 | 75.1 | 75.2 | 75.4 | 75.5 |
| ≥ 3000 | 46.5 | 63.9 | 68.8 | 72.4 | 75.4 | 75.9 | 77.8 | 78.7 | 79.1 | 79.9 | 80.4 | 80.4 | 80.8 | 81.0 | 81.2 | 81.3 |
| ≥ 2500 | 50.0 | 69.2 | 74.4 | 78.1 | 81.3 | 81.8 | 83.8 | 84.8 | 85.2 | 86.0 | 86.6 | 86.6 | 87.1 | 87.2 | 87.4 | 87.5 |
| ≥ 2000 | 52.7 | 73.6 | 79.0 | 82.9 | 86.3 | 86.8 | 88.8 | 89.7 | 90.1 | 90.9 | 91.6 | 91.6 | 92.0 | 92.2 | 92.3 | 92.5 |
| ≥ 1800 | 53.2 | 74.6 | 80.1 | 84.0 | 87.4 | 87.9 | 89.9 | 90.9 | 91.3 | 92.1 | 92.8 | 92.8 | 93.2 | 93.4 | 93.6 | 93.7 |
| ≥ 1500 | 53.8 | 76.0 | 81.6 | 85.7 | 89.1 | 89.6 | 91.7 | 92.6 | 93.1 | 93.9 | 94.7 | 94.7 | 95.1 | 95.3 | 95.4 | 95.6 |
| ≥ 1200 | 54.5 | 77.0 | 82.7 | 86.9 | 90.4 | 91.0 | 93.1 | 94.0 | 94.5 | 95.4 | 96.2 | 96.2 | 96.6 | 96.7 | 96.9 | 97.0 |
| ≥ 1000 | 54.7 | 77.2 | 83.0 | 87.2 | 90.7 | 91.3 | 93.4 | 94.3 | 94.8 | 95.7 | 96.5 | 96.5 | 96.9 | 97.1 | 97.2 | 97.4 |
| ≥ 900 | 54.7 | 77.4 | 83.2 | 87.4 | 91.0 | 91.5 | 93.6 | 94.7 | 95.1 | 96.1 | 96.9 | 96.9 | 97.3 | 97.4 | 97.6 | 97.7 |
| ≥ 800 | 54.7 | 77.5 | 83.3 | 87.6 | 91.1 | 91.7 | 93.9 | 94.9 | 95.4 | 96.4 | 97.2 | 97.2 | 97.6 | 97.8 | 97.9 | 98.1 |
| ≥ 700 | 54.7 | 77.6 | 83.4 | 87.6 | 91.2 | 91.8 | 94.0 | 95.1 | 95.5 | 96.6 | 97.3 | 97.3 | 97.8 | 98.0 | 98.1 | 98.3 |
| ≥ 600 | 54.7 | 77.6 | 83.4 | 87.7 | 91.2 | 91.8 | 94.1 | 95.2 | 95.7 | 96.7 | 97.5 | 97.5 | 97.9 | 98.1 | 98.3 | 98.4 |
| ≥ 500 | 54.7 | 77.6 | 83.5 | 87.7 | 91.3 | 91.9 | 94.2 | 95.3 | 95.8 | 96.8 | 97.6 | 97.6 | 98.1 | 98.3 | 98.4 | 98.6 |
| ≥ 400 | 54.7 | 77.6 | 83.5 | 87.8 | 91.4 | 92.0 | 94.2 | 95.3 | 95.9 | 97.0 | 97.8 | 97.8 | 98.3 | 98.5 | 98.7 | 98.8 |
| ≥ 300 | 54.7 | 77.6 | 83.5 | 87.8 | 91.4 | 92.0 | 94.2 | 95.4 | 96.0 | 97.1 | 97.9 | 97.9 | 98.5 | 98.7 | 98.9 | 99.0 |
| ≥ 200 | 54.7 | 77.6 | 83.5 | 87.8 | 91.4 | 92.0 | 94.3 | 95.4 | 96.1 | 97.2 | 98.1 | 98.1 | 98.7 | 98.9 | 99.1 | 99.2 |
| ≥ 100 | 54.7 | 77.6 | 83.5 | 87.8 | 91.4 | 92.0 | 94.3 | 95.4 | 96.1 | 97.3 | 98.1 | 98.2 | 98.8 | 99.1 | 99.3 | 99.6 |
| ≥ 0 | 54.7 | 77.6 | 83.5 | 87.8 | 91.4 | 92.0 | 94.3 | 95.4 | 96.1 | 97.3 | 98.1 | 98.2 | 98.8 | 99.1 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS.

2966

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 17.8 | 24.3 | 26.6 | 28.3 | 30.3 | 30.8 | 31.8 | 32.5 | 32.7 | 33.2 | 33.5 | 33.6 | 34.0 | 34.1 | 34.3 | 34.6 |
| ≥ 20000 | 19.5 | 26.4 | 28.9 | 30.6 | 32.8 | 33.3 | 34.5 | 35.3 | 35.6 | 36.1 | 36.4 | 36.5 | 36.9 | 37.0 | 37.2 | 37.5 |
| ≥ 18000 | 19.7 | 26.6 | 29.1 | 30.8 | 33.1 | 33.5 | 34.7 | 35.6 | 35.8 | 36.3 | 36.6 | 36.7 | 37.2 | 37.3 | 37.5 | 37.8 |
| ≥ 16000 | 19.8 | 26.7 | 29.2 | 30.9 | 33.2 | 33.7 | 34.9 | 35.7 | 36.0 | 36.5 | 36.8 | 36.9 | 37.3 | 37.4 | 37.6 | 38.0 |
| ≥ 14000 | 20.4 | 27.6 | 30.2 | 32.1 | 34.5 | 35.0 | 36.2 | 37.0 | 37.3 | 37.8 | 38.1 | 38.2 | 38.7 | 38.8 | 39.0 | 39.3 |
| ≥ 12000 | 21.0 | 28.7 | 31.3 | 33.2 | 35.7 | 36.1 | 37.5 | 38.3 | 38.6 | 39.1 | 39.4 | 39.5 | 40.0 | 40.0 | 40.3 | 40.6 |
| ≥ 10000 | 21.8 | 29.7 | 32.4 | 34.4 | 36.9 | 37.4 | 38.8 | 39.6 | 39.9 | 40.4 | 40.7 | 40.8 | 41.3 | 41.4 | 41.6 | 41.9 |
| ≥ 9000 | 22.6 | 30.6 | 33.3 | 35.3 | 37.9 | 38.3 | 39.7 | 40.6 | 40.8 | 41.3 | 41.6 | 41.7 | 42.2 | 42.3 | 42.5 | 42.8 |
| ≥ 8000 | 24.4 | 33.0 | 35.9 | 38.1 | 40.9 | 41.3 | 42.7 | 43.6 | 43.9 | 44.4 | 44.7 | 44.8 | 45.3 | 45.4 | 45.6 | 45.9 |
| ≥ 7000 | 27.3 | 36.7 | 39.7 | 42.0 | 44.9 | 45.4 | 46.8 | 47.7 | 48.1 | 48.6 | 48.9 | 49.0 | 49.5 | 49.6 | 49.8 | 50.1 |
| ≥ 6000 | 28.8 | 38.9 | 41.9 | 44.3 | 47.2 | 47.7 | 49.2 | 50.2 | 50.5 | 51.1 | 51.4 | 51.5 | 52.0 | 52.1 | 52.3 | 52.6 |
| ≥ 5000 | 32.5 | 44.4 | 47.5 | 50.1 | 53.1 | 53.5 | 55.2 | 56.1 | 56.5 | 57.0 | 57.4 | 57.5 | 58.0 | 58.1 | 58.3 | 58.6 |
| ≥ 4500 | 34.1 | 46.9 | 50.0 | 52.7 | 55.7 | 56.2 | 57.9 | 58.8 | 59.2 | 59.7 | 60.1 | 60.2 | 60.7 | 60.8 | 61.0 | 61.3 |
| ≥ 4000 | 37.4 | 51.5 | 54.9 | 57.8 | 60.9 | 61.4 | 63.1 | 64.1 | 64.5 | 65.1 | 65.4 | 65.5 | 66.1 | 66.1 | 66.4 | 66.7 |
| ≥ 3500 | 40.3 | 56.1 | 59.9 | 63.0 | 66.2 | 66.7 | 68.5 | 69.6 | 70.0 | 70.5 | 70.9 | 71.0 | 71.5 | 71.6 | 71.8 | 72.2 |
| ≥ 3000 | 43.7 | 61.4 | 65.6 | 68.8 | 72.2 | 72.7 | 74.5 | 75.7 | 76.0 | 76.6 | 77.0 | 77.1 | 77.6 | 77.7 | 77.9 | 78.3 |
| ≥ 2500 | 46.5 | 65.7 | 70.0 | 73.3 | 76.9 | 77.4 | 79.3 | 80.6 | 80.9 | 81.6 | 81.9 | 82.1 | 82.7 | 82.7 | 83.0 | 83.3 |
| ≥ 2000 | 48.8 | 70.3 | 75.1 | 78.6 | 82.3 | 82.9 | 84.8 | 86.1 | 86.5 | 87.2 | 87.6 | 87.8 | 88.3 | 88.4 | 88.6 | 89.0 |
| ≥ 1800 | 49.5 | 71.3 | 76.1 | 79.7 | 83.4 | 84.0 | 86.0 | 87.3 | 87.7 | 88.4 | 88.7 | 88.9 | 89.5 | 89.6 | 89.8 | 90.2 |
| ≥ 1500 | 50.3 | 72.8 | 77.7 | 81.3 | 85.2 | 85.8 | 87.8 | 89.2 | 89.6 | 90.4 | 90.7 | 90.9 | 91.5 | 91.6 | 91.8 | 92.2 |
| ≥ 1200 | 50.8 | 73.9 | 78.9 | 82.6 | 86.6 | 87.3 | 89.3 | 90.8 | 91.2 | 92.0 | 92.3 | 92.5 | 93.1 | 93.1 | 93.4 | 93.7 |
| ≥ 1000 | 51.0 | 74.3 | 79.4 | 83.1 | 87.2 | 87.9 | 89.9 | 91.4 | 91.9 | 92.7 | 93.1 | 93.3 | 93.8 | 93.9 | 94.1 | 94.5 |
| ≥ 900 | 51.1 | 74.7 | 79.7 | 83.5 | 87.7 | 88.3 | 90.3 | 92.1 | 92.5 | 93.3 | 93.7 | 93.9 | 94.5 | 94.5 | 94.8 | 95.1 |
| ≥ 800 | 51.1 | 74.8 | 79.8 | 83.6 | 87.8 | 88.4 | 90.7 | 92.3 | 92.7 | 93.6 | 94.0 | 94.2 | 94.7 | 94.8 | 95.0 | 95.4 |
| ≥ 700 | 51.1 | 74.8 | 79.9 | 83.7 | 87.9 | 88.5 | 90.8 | 92.5 | 92.9 | 93.8 | 94.2 | 94.4 | 94.9 | 95.0 | 95.2 | 95.6 |
| ≥ 600 | 51.1 | 74.9 | 80.0 | 83.8 | 88.0 | 88.6 | 91.0 | 92.7 | 93.1 | 94.0 | 94.4 | 94.6 | 95.2 | 95.2 | 95.5 | 95.8 |
| ≥ 500 | 51.1 | 74.9 | 80.0 | 83.9 | 88.1 | 88.8 | 91.2 | 92.8 | 93.3 | 94.3 | 94.7 | 94.9 | 95.5 | 95.6 | 95.8 | 96.2 |
| ≥ 400 | 51.2 | 75.1 | 80.2 | 84.1 | 88.4 | 89.2 | 91.7 | 93.3 | 93.8 | 94.8 | 95.2 | 95.4 | 96.0 | 96.1 | 96.4 | 96.7 |
| ≥ 300 | 51.2 | 75.1 | 80.3 | 84.2 | 88.6 | 89.4 | 91.9 | 93.6 | 94.2 | 95.3 | 95.7 | 95.9 | 96.5 | 96.6 | 96.9 | 97.4 |
| ≥ 200 | 51.2 | 75.1 | 80.3 | 84.2 | 88.6 | 89.4 | 92.0 | 93.8 | 94.3 | 95.5 | 96.0 | 96.2 | 96.9 | 97.0 | 97.4 | 98.1 |
| ≥ 100 | 51.2 | 75.1 | 80.3 | 84.2 | 88.6 | 89.4 | 92.0 | 93.8 | 94.3 | 95.5 | 96.0 | 96.2 | 97.0 | 97.1 | 97.6 | 98.5 |
| ≥ 0 | 51.2 | 75.1 | 80.3 | 84.2 | 88.6 | 89.4 | 92.0 | 93.8 | 94.3 | 95.5 | 96.0 | 96.2 | 97.0 | 97.1 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2959

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5'16" | ≥'4 | ≥0 |
| NO CEILING | 13.6 | 16.9 | 17.8 | 18.8 | 20.1 | 20.8 | 21.5 | 21.9 | 22.0 | 22.9 | 23.2 | 23.3 | 23.5 | 23.5 | 24.0 | 24.5 |
| ≥ 20000 | 16.5 | 20.3 | 21.4 | 22.6 | 24.0 | 24.8 | 25.7 | 26.4 | 26.6 | 27.6 | 28.1 | 28.1 | 28.5 | 28.5 | 29.1 | 29.7 |
| ≥ 18000 | 16.7 | 20.7 | 21.8 | 23.0 | 24.4 | 25.2 | 26.1 | 26.8 | 27.0 | 28.0 | 28.6 | 28.6 | 28.9 | 29.0 | 29.5 | 30.1 |
| ≥ 16000 | 17.1 | 21.2 | 22.4 | 23.6 | 25.0 | 25.8 | 26.8 | 27.5 | 27.7 | 28.8 | 29.3 | 29.3 | 29.6 | 29.7 | 30.2 | 30.8 |
| ≥ 14000 | 18.3 | 22.7 | 24.1 | 25.4 | 27.0 | 27.8 | 28.8 | 29.6 | 29.8 | 30.9 | 31.4 | 31.5 | 31.8 | 31.9 | 32.4 | 33.0 |
| ≥ 12000 | 19.5 | 24.4 | 25.8 | 27.2 | 28.8 | 29.6 | 30.8 | 31.6 | 31.8 | 33.0 | 33.5 | 33.6 | 33.9 | 34.0 | 34.6 | 35.2 |
| ≥ 10000 | 20.7 | 25.9 | 27.5 | 28.9 | 30.6 | 31.5 | 32.8 | 33.7 | 33.9 | 35.1 | 35.7 | 35.8 | 36.1 | 36.2 | 36.8 | 37.4 |
| ≥ 9000 | 21.2 | 26.6 | 28.2 | 29.7 | 31.5 | 32.4 | 33.7 | 34.8 | 35.0 | 36.2 | 36.8 | 36.9 | 37.2 | 37.3 | 37.9 | 38.5 |
| ≥ 8000 | 23.1 | 28.8 | 30.5 | 32.2 | 34.0 | 35.0 | 36.4 | 37.6 | 37.8 | 39.1 | 39.7 | 39.7 | 40.1 | 40.2 | 40.8 | 41.4 |
| ≥ 7000 | 26.4 | 32.4 | 34.3 | 35.9 | 38.1 | 39.1 | 40.7 | 42.0 | 42.2 | 43.6 | 44.1 | 44.2 | 44.6 | 44.7 | 45.3 | 46.0 |
| ≥ 6000 | 28.1 | 34.4 | 36.3 | 38.0 | 40.3 | 41.3 | 43.1 | 44.4 | 44.7 | 46.1 | 46.7 | 46.8 | 47.2 | 47.3 | 47.9 | 48.6 |
| ≥ 5000 | 30.7 | 38.1 | 40.5 | 42.3 | 44.9 | 45.9 | 47.9 | 49.4 | 49.6 | 51.3 | 52.0 | 52.1 | 52.5 | 52.6 | 53.3 | 54.0 |
| ≥ 4500 | 32.4 | 40.1 | 42.6 | 44.6 | 47.2 | 48.3 | 50.3 | 51.9 | 52.1 | 53.8 | 54.5 | 54.6 | 55.0 | 55.1 | 55.8 | 56.5 |
| ≥ 4000 | 35.6 | 44.5 | 47.4 | 49.5 | 52.2 | 53.4 | 55.5 | 57.1 | 57.3 | 59.2 | 59.9 | 60.0 | 60.4 | 60.5 | 61.2 | 61.9 |
| ≥ 3500 | 38.4 | 48.2 | 51.2 | 53.6 | 56.6 | 57.8 | 60.0 | 61.7 | 62.0 | 63.8 | 64.6 | 64.6 | 65.1 | 65.2 | 65.8 | 66.5 |
| ≥ 3000 | 42.1 | 53.6 | 57.0 | 59.7 | 63.0 | 64.3 | 66.6 | 68.3 | 68.6 | 70.5 | 71.4 | 71.5 | 72.0 | 72.1 | 72.7 | 73.5 |
| ≥ 2500 | 45.3 | 58.3 | 61.9 | 65.0 | 68.6 | 70.0 | 72.5 | 74.3 | 74.6 | 76.6 | 77.5 | 77.6 | 78.1 | 78.2 | 78.8 | 79.5 |
| ≥ 2000 | 48.4 | 62.7 | 66.9 | 70.3 | 74.1 | 75.5 | 78.1 | 80.0 | 80.4 | 82.5 | 83.4 | 83.5 | 84.0 | 84.1 | 84.8 | 85.5 |
| ≥ 1800 | 48.9 | 63.4 | 67.7 | 71.1 | 74.9 | 76.4 | 79.0 | 80.9 | 81.3 | 83.4 | 84.4 | 84.5 | 85.0 | 85.1 | 85.8 | 86.5 |
| ≥ 1500 | 49.8 | 65.3 | 69.7 | 73.4 | 77.4 | 78.9 | 81.6 | 83.7 | 84.1 | 86.2 | 87.3 | 87.4 | 88.0 | 88.1 | 88.7 | 89.5 |
| ≥ 1200 | 50.3 | 66.2 | 70.7 | 74.7 | 78.7 | 80.2 | 83.1 | 85.2 | 85.6 | 87.7 | 89.0 | 89.1 | 89.6 | 89.8 | 90.4 | 91.2 |
| ≥ 1000 | 50.5 | 66.6 | 71.2 | 75.3 | 79.6 | 81.1 | 84.1 | 86.2 | 86.7 | 89.0 | 90.2 | 90.3 | 91.0 | 91.1 | 91.8 | 92.5 |
| ≥ 900 | 50.6 | 66.8 | 71.4 | 75.6 | 80.0 | 81.5 | 84.4 | 86.6 | 87.0 | 89.3 | 90.7 | 90.8 | 91.4 | 91.5 | 92.2 | 93.0 |
| ≥ 800 | 50.6 | 66.8 | 71.5 | 75.6 | 80.1 | 81.6 | 84.6 | 86.8 | 87.2 | 89.5 | 90.8 | 90.9 | 91.6 | 91.7 | 92.4 | 93.1 |
| ≥ 700 | 50.6 | 66.9 | 71.6 | 75.8 | 80.3 | 81.9 | 85.0 | 87.3 | 87.7 | 90.1 | 91.4 | 91.5 | 92.2 | 92.3 | 93.0 | 93.8 |
| ≥ 600 | 50.6 | 66.9 | 71.7 | 75.9 | 80.6 | 82.2 | 85.4 | 87.7 | 88.2 | 90.6 | 91.9 | 92.0 | 92.7 | 92.9 | 93.6 | 94.4 |
| ≥ 500 | 50.6 | 66.9 | 71.8 | 75.9 | 80.7 | 82.4 | 85.7 | 88.1 | 88.6 | 91.0 | 92.4 | 92.5 | 93.2 | 93.4 | 94.1 | 94.9 |
| ≥ 400 | 50.6 | 67.0 | 71.9 | 76.0 | 80.8 | 82.6 | 86.0 | 88.4 | 88.8 | 91.4 | 92.9 | 93.0 | 93.8 | 94.0 | 94.7 | 95.6 |
| ≥ 300 | 50.6 | 67.1 | 71.9 | 76.1 | 81.0 | 82.8 | 86.2 | 88.7 | 89.1 | 91.7 | 93.2 | 93.3 | 94.2 | 94.4 | 95.2 | 96.3 |
| ≥ 200 | 50.6 | 67.1 | 71.9 | 76.1 | 81.1 | 82.9 | 86.3 | 88.8 | 89.2 | 91.9 | 93.5 | 93.6 | 94.7 | 95.0 | 95.9 | 97.2 |
| ≥ 100 | 50.6 | 67.1 | 71.9 | 76.1 | 81.1 | 82.9 | 86.3 | 88.8 | 89.2 | 91.9 | 93.6 | 93.7 | 94.9 | 95.1 | 96.2 | 98.0 |
| ≥ 0 | 50.6 | 67.1 | 71.9 | 76.1 | 81.1 | 82.9 | 86.3 | 88.8 | 89.2 | 91.9 | 93.6 | 93.7 | 94.9 | 95.1 | 96.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2963

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅓ | ≥⅓ 16 | ≥¼ | ≥0 |
| NO CEILING | 13.0 | 16.7 | 18.0 | 19.5 | 20.2 | 20.6 | 21.8 | 22.4 | 22.5 | 23.0 | 23.1 | 23.1 | 23.1 | 23.2 | 23.3 | 23.3 |
| ≥ 20000 | 17.1 | 21.5 | 22.9 | 24.6 | 25.5 | 26.0 | 27.5 | 28.2 | 28.3 | 28.9 | 29.1 | 29.1 | 29.1 | 29.1 | 29.3 | 29.3 |
| IV 18000 | 17.4 | 21.9 | 23.3 | 25.1 | 26.0 | 26.5 | 28.0 | 28.7 | 28.8 | 29.4 | 29.5 | 29.5 | 29.6 | 29.6 | 29.7 | 29.8 |
| IV 16000 | 17.9 | 22.6 | 24.0 | 25.8 | 26.7 | 27.2 | 28.7 | 29.4 | 29.5 | 30.1 | 30.2 | 30.2 | 30.3 | 30.3 | 30.5 | 30.5 |
| IV 14000 | 19.1 | 23.9 | 25.3 | 27.3 | 28.3 | 28.7 | 30.2 | 31.0 | 31.1 | 31.7 | 31.8 | 31.8 | 31.9 | 31.9 | 32.0 | 32.1 |
| IV 12000 | 21.0 | 26.0 | 27.5 | 29.6 | 30.7 | 31.2 | 32.7 | 33.5 | 33.6 | 34.2 | 34.3 | 34.3 | 34.4 | 34.4 | 34.5 | 34.6 |
| IV 10000 | 22.0 | 27.1 | 28.8 | 30.9 | 32.1 | 32.6 | 34.2 | 35.0 | 35.1 | 35.7 | 35.8 | 35.8 | 35.9 | 35.9 | 36.0 | 36.1 |
| IV 9000 | 23.0 | 28.2 | 29.8 | 31.9 | 33.4 | 33.9 | 35.5 | 36.3 | 36.4 | 37.0 | 37.2 | 37.2 | 37.2 | 37.2 | 37.4 | 37.4 |
| IV 8000 | 24.7 | 30.3 | 32.0 | 34.1 | 35.7 | 36.2 | 38.0 | 38.8 | 38.9 | 39.6 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 |
| IV 7000 | 27.4 | 33.4 | 35.2 | 37.5 | 39.1 | 39.7 | 41.6 | 42.4 | 42.5 | 43.2 | 43.5 | 43.5 | 43.5 | 43.6 | 43.7 | 43.8 |
| IV 6000 | 29.1 | 35.7 | 37.6 | 40.0 | 41.6 | 42.2 | 44.2 | 45.1 | 45.3 | 46.1 | 46.4 | 46.4 | 46.4 | 46.5 | 46.6 | 46.7 |
| IV 5000 | 31.2 | 38.6 | 40.7 | 43.2 | 45.0 | 45.6 | 47.7 | 48.8 | 49.0 | 49.8 | 50.1 | 50.1 | 50.1 | 50.2 | 50.3 | 50.4 |
| IV 4500 | 32.8 | 40.7 | 43.0 | 45.6 | 47.4 | 48.1 | 50.2 | 51.3 | 51.5 | 52.3 | 52.6 | 52.6 | 52.6 | 52.7 | 52.8 | 52.9 |
| IV 4000 | 36.4 | 45.1 | 47.4 | 50.1 | 52.2 | 52.9 | 55.2 | 56.3 | 56.5 | 57.4 | 57.6 | 57.6 | 57.7 | 57.7 | 57.9 | 57.9 |
| IV 3500 | 39.8 | 49.1 | 51.6 | 54.5 | 56.5 | 57.3 | 59.6 | 60.8 | 61.0 | 62.0 | 62.3 | 62.3 | 62.3 | 62.4 | 62.5 | 62.6 |
| IV 3000 | 44.6 | 55.0 | 57.7 | 60.8 | 63.2 | 64.0 | 66.4 | 67.6 | 67.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.3 | 69.4 | 69.5 |
| IV 2500 | 49.4 | 61.5 | 64.5 | 67.8 | 70.6 | 71.4 | 73.9 | 75.2 | 75.4 | 76.5 | 76.8 | 76.8 | 76.8 | 76.9 | 77.0 | 77.1 |
| IV 2000 | 53.8 | 67.7 | 70.9 | 74.7 | 77.8 | 78.6 | 81.3 | 82.5 | 82.8 | 84.0 | 84.4 | 84.4 | 84.4 | 84.5 | 84.7 | 84.8 |
| IV 1800 | 54.4 | 68.6 | 71.9 | 76.0 | 79.2 | 80.1 | 82.8 | 84.1 | 84.4 | 85.6 | 86.0 | 86.0 | 86.0 | 86.1 | 86.3 | 86.4 |
| IV 1500 | 56.3 | 71.3 | 75.2 | 79.4 | 82.9 | 83.8 | 86.7 | 88.0 | 88.3 | 89.6 | 90.0 | 90.0 | 90.0 | 90.1 | 90.2 | 90.5 |
| IV 1200 | 57.1 | 72.7 | 76.8 | 81.3 | 85.0 | 86.0 | 88.9 | 90.3 | 90.6 | 91.9 | 92.3 | 92.3 | 92.3 | 92.4 | 92.5 | 92.8 |
| IV 1000 | 57.4 | 73.5 | 77.7 | 82.3 | 86.3 | 87.4 | 90.5 | 91.9 | 92.3 | 93.5 | 94.0 | 94.0 | 94.0 | 94.1 | 94.2 | 94.4 |
| IV 900 | 57.5 | 73.7 | 78.0 | 82.6 | 86.7 | 87.8 | 91.0 | 92.4 | 92.7 | 94.0 | 94.5 | 94.5 | 94.5 | 94.6 | 94.7 | 94.9 |
| IV 800 | 57.6 | 73.9 | 78.3 | 83.1 | 87.1 | 88.3 | 91.6 | 93.1 | 93.4 | 94.8 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 95.9 |
| IV 700 | 57.6 | 73.9 | 78.4 | 83.2 | 87.3 | 88.6 | 91.9 | 93.4 | 93.7 | 95.3 | 95.8 | 95.9 | 95.9 | 96.0 | 96.2 | 96.5 |
| IV 600 | 57.6 | 73.9 | 78.4 | 83.3 | 87.4 | 88.7 | 92.1 | 93.6 | 94.0 | 95.6 | 96.2 | 96.3 | 96.3 | 96.5 | 96.6 | 96.9 |
| IV 500 | 57.6 | 73.9 | 78.4 | 83.3 | 87.5 | 88.9 | 92.3 | 93.9 | 94.3 | 96.1 | 96.7 | 96.8 | 96.8 | 97.0 | 97.1 | 97.5 |
| IV 400 | 57.6 | 73.9 | 78.5 | 83.4 | 87.6 | 89.0 | 92.5 | 94.1 | 94.6 | 96.5 | 97.2 | 97.3 | 97.3 | 97.6 | 97.7 | 98.1 |
| IV 300 | 57.6 | 73.9 | 78.5 | 83.4 | 87.7 | 89.1 | 92.6 | 94.3 | 94.8 | 96.7 | 97.6 | 97.6 | 97.6 | 97.9 | 98.1 | 98.6 |
| IV 200 | 57.6 | 73.9 | 78.5 | 83.4 | 87.7 | 89.1 | 92.6 | 94.3 | 94.8 | 96.8 | 97.8 | 97.9 | 97.9 | 98.3 | 98.6 | 99.2 |
| IV 100 | 57.6 | 73.9 | 78.5 | 83.4 | 87.7 | 89.1 | 92.6 | 94.3 | 94.8 | 96.8 | 97.8 | 98.0 | 98.0 | 98.5 | 98.8 | 99.8 |
| IV 0 | 57.6 | 73.9 | 78.5 | 83.4 | 87.7 | 89.1 | 92.6 | 94.3 | 94.8 | 96.8 | 97.8 | 98.0 | 98.0 | 98.5 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2962

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 16.6 | 19.9 | 20.6 | 21.3 | 21.9 | 22.1 | 22.2 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 | 22.3 |
| ≥ 20000 | 21.7 | 25.8 | 26.7 | 27.8 | 28.8 | 29.0 | 29.4 | 29.5 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 |
| ≥ 18000 | 21.8 | 26.0 | 27.0 | 28.1 | 29.1 | 29.4 | 29.8 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| ≥ 16000 | 22.4 | 26.7 | 27.6 | 28.8 | 29.8 | 30.0 | 30.4 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| ≥ 14000 | 23.7 | 28.2 | 29.1 | 30.4 | 31.4 | 31.6 | 32.0 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 |
| ≥ 12000 | 25.1 | 29.8 | 30.9 | 32.4 | 33.4 | 33.6 | 34.1 | 34.2 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| ≥ 10000 | 26.5 | 31.3 | 32.6 | 34.1 | 35.2 | 35.4 | 35.9 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| ≥ 9000 | 27.1 | 32.1 | 33.4 | 34.9 | 36.1 | 36.3 | 36.8 | 36.9 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| ≥ 8000 | 28.7 | 33.8 | 35.3 | 36.7 | 38.0 | 38.2 | 38.7 | 38.9 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ 7000 | 30.5 | 36.1 | 37.6 | 39.2 | 40.7 | 41.0 | 41.6 | 41.8 | 41.8 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 6000 | 32.0 | 37.9 | 39.4 | 41.0 | 42.7 | 43.0 | 43.7 | 43.8 | 43.9 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| ≥ 5000 | 35.0 | 41.5 | 43.2 | 44.9 | 46.8 | 47.1 | 47.9 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 4500 | 37.5 | 44.2 | 46.0 | 47.8 | 49.7 | 50.1 | 50.8 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 4000 | 41.7 | 49.3 | 51.3 | 53.2 | 55.3 | 55.6 | 56.4 | 56.8 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 3500 | 47.0 | 55.5 | 57.7 | 59.6 | 61.8 | 62.2 | 63.0 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 3000 | 54.1 | 63.5 | 65.9 | 68.2 | 70.4 | 70.9 | 71.7 | 72.1 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 |
| ≥ 2500 | 60.6 | 71.5 | 74.3 | 76.9 | 79.5 | 79.9 | 80.8 | 81.2 | 81.3 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 2000 | 66.2 | 78.6 | 81.9 | 84.8 | 87.7 | 88.1 | 89.2 | 89.8 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 |
| ≥ 1800 | 66.9 | 79.7 | 83.0 | 86.0 | 88.9 | 89.4 | 90.5 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 |
| ≥ 1500 | 68.0 | 81.5 | 85.1 | 88.5 | 91.7 | 92.3 | 93.5 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 |
| ≥ 1200 | 68.8 | 82.9 | 86.6 | 90.1 | 93.4 | 94.0 | 95.3 | 95.9 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 |
| ≥ 1000 | 69.1 | 83.5 | 87.3 | 90.9 | 94.4 | 95.0 | 96.5 | 97.1 | 97.2 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 69.2 | 83.8 | 87.6 | 91.3 | 94.8 | 95.5 | 96.9 | 97.6 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 800 | 69.4 | 84.0 | 87.9 | 91.6 | 95.2 | 95.9 | 97.3 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 69.4 | 84.1 | 87.9 | 91.6 | 95.3 | 96.0 | 97.6 | 98.2 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 69.4 | 84.1 | 87.9 | 91.6 | 95.3 | 96.1 | 97.6 | 98.4 | 98.6 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 500 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.2 | 97.9 | 98.7 | 98.9 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 400 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.3 | 97.9 | 98.8 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.3 | 97.9 | 98.8 | 99.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.3 | 97.9 | 98.8 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.3 | 97.9 | 98.8 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 69.4 | 84.1 | 88.0 | 91.7 | 95.5 | 96.3 | 97.9 | 98.8 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2964

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 20.6 | 23.4 | 24.0 | 24.3 | 24.7 | 24.7 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 |
| ≥ 20000 | 26.9 | 30.3 | 31.5 | 32.2 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 |
| ≥ 18000 | 27.1 | 30.5 | 31.8 | 32.5 | 33.1 | 33.1 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 |
| ≥ 16000 | 27.8 | 31.3 | 32.5 | 33.3 | 33.9 | 33.9 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| ≥ 14000 | 29.0 | 32.5 | 34.0 | 34.8 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| ≥ 12000 | 30.8 | 34.6 | 36.0 | 36.9 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 |
| ≥ 10000 | 32.9 | 36.9 | 38.4 | 39.4 | 40.1 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 9000 | 33.8 | 37.8 | 39.4 | 40.3 | 41.1 | 41.1 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 8000 | 36.2 | 40.5 | 42.2 | 43.2 | 44.2 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| ≥ 7000 | 39.3 | 44.0 | 45.9 | 47.0 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 6000 | 40.5 | 45.6 | 47.5 | 48.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 5000 | 44.2 | 50.1 | 52.1 | 53.5 | 54.7 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 4500 | 46.1 | 52.1 | 54.3 | 55.7 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 4000 | 50.5 | 57.3 | 59.8 | 61.3 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 3500 | 55.4 | 63.4 | 66.0 | 67.7 | 69.2 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 3000 | 60.6 | 69.9 | 72.8 | 74.6 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | 65.9 | 76.4 | 79.8 | 81.8 | 83.6 | 83.7 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 |
| ≥ 2000 | 70.6 | 82.9 | 86.7 | 89.0 | 90.9 | 91.2 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1800 | 71.0 | 83.5 | 87.4 | 89.8 | 91.7 | 92.1 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 71.8 | 85.1 | 89.4 | 92.0 | 94.1 | 94.6 | 95.3 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 72.3 | 85.9 | 90.3 | 93.1 | 95.3 | 95.9 | 96.6 | 96.8 | 96.9 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 72.4 | 86.4 | 91.0 | 93.8 | 96.2 | 96.8 | 97.7 | 98.0 | 98.0 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 72.4 | 86.4 | 91.0 | 93.8 | 96.3 | 96.9 | 97.9 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 72.4 | 86.4 | 91.0 | 93.8 | 96.4 | 97.0 | 98.1 | 98.5 | 98.5 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 72.4 | 86.5 | 91.1 | 93.9 | 96.5 | 97.2 | 98.2 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 72.4 | 86.5 | 91.1 | 93.9 | 96.6 | 97.3 | 98.3 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 72.4 | 86.5 | 91.1 | 93.9 | 96.6 | 97.3 | 98.3 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 72.4 | 86.5 | 91.1 | 93.9 | 96.6 | 97.3 | 98.4 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 72.4 | 86.5 | 91.1 | 94.0 | 96.7 | 97.4 | 98.4 | 99.1 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 72.4 | 86.5 | 91.1 | 94.0 | 96.7 | 97.4 | 98.4 | 99.1 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 72.4 | 86.5 | 91.1 | 94.0 | 96.7 | 97.4 | 98.4 | 99.1 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 72.4 | 86.5 | 91.1 | 94.0 | 96.7 | 97.4 | 98.4 | 99.1 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2957

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHURD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 25.0 | 29.4 | 30.7 | 31.9 | 33.0 | 33.1 | 33.4 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 |
| ≥ 20000 | 28.8 | 33.7 | 35.5 | 37.0 | 38.1 | 38.3 | 38.7 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ 18000 | 29.1 | 34.0 | 35.7 | 37.3 | 38.4 | 38.6 | 39.0 | 39.2 | 39.2 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 |
| ≥ 16000 | 29.6 | 34.6 | 36.3 | 37.9 | 39.0 | 39.2 | 39.6 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 40.0 | 40.0 | 40.0 | 40.0 |
| ≥ 14000 | 30.8 | 35.9 | 37.8 | 39.3 | 40.5 | 40.7 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.6 | 41.6 | 41.6 | 41.6 |
| ≥ 12000 | 32.5 | 37.9 | 39.8 | 41.5 | 42.7 | 42.9 | 43.4 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 10000 | 34.7 | 40.2 | 42.2 | 43.9 | 45.2 | 45.4 | 45.9 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 9000 | 35.5 | 41.2 | 43.2 | 45.0 | 46.3 | 46.5 | 47.1 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 8000 | 37.6 | 43.3 | 45.7 | 47.6 | 49.1 | 49.3 | 49.8 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 7000 | 40.5 | 46.9 | 49.2 | 51.0 | 52.6 | 52.8 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 6000 | 42.4 | 49.2 | 51.5 | 53.4 | 55.0 | 55.2 | 55.9 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 5000 | 45.8 | 53.3 | 55.8 | 57.7 | 59.4 | 59.6 | 60.4 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 4500 | 48.0 | 56.1 | 58.6 | 60.6 | 62.4 | 62.6 | 63.4 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 4000 | 51.3 | 60.4 | 63.2 | 65.3 | 67.3 | 67.5 | 68.3 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 3500 | 54.9 | 65.0 | 68.1 | 70.3 | 72.4 | 72.6 | 73.5 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 3000 | 58.4 | 70.1 | 73.3 | 75.7 | 78.0 | 78.2 | 79.2 | 79.7 | 79.8 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 2500 | 61.9 | 75.7 | 79.3 | 82.0 | 84.7 | 85.0 | 86.0 | 86.6 | 86.7 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 2000 | 65.2 | 80.6 | 84.7 | 87.7 | 90.6 | 91.1 | 92.3 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1800 | 65.5 | 81.4 | 85.6 | 88.6 | 91.6 | 92.1 | 93.3 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1500 | 65.8 | 82.3 | 86.6 | 89.7 | 92.8 | 93.3 | 94.8 | 95.5 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1200 | 66.1 | 83.0 | 87.4 | 90.6 | 93.8 | 94.3 | 95.8 | 96.7 | 96.7 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 66.3 | 83.4 | 87.9 | 91.1 | 94.6 | 95.0 | 96.7 | 97.6 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 66.3 | 83.5 | 88.0 | 91.3 | 94.8 | 95.2 | 97.0 | 97.9 | 98.0 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 66.4 | 83.6 | 88.1 | 91.4 | 94.9 | 95.4 | 97.2 | 98.1 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 66.4 | 83.6 | 88.1 | 91.4 | 94.9 | 95.4 | 97.3 | 98.2 | 98.3 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 66.4 | 83.6 | 88.1 | 91.4 | 95.0 | 95.5 | 97.4 | 98.3 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 66.4 | 83.6 | 88.1 | 91.5 | 95.1 | 95.6 | 97.5 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 66.4 | 83.6 | 88.1 | 91.6 | 95.2 | 95.7 | 97.7 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 66.4 | 83.7 | 88.2 | 91.6 | 95.2 | 95.7 | 97.7 | 98.8 | 98.8 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 66.4 | 83.7 | 88.2 | 91.6 | 95.2 | 95.7 | 97.7 | 98.8 | 98.8 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 66.4 | 83.7 | 88.2 | 91.6 | 95.2 | 95.7 | 97.7 | 98.8 | 98.8 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 66.4 | 83.7 | 88.2 | 91.6 | 95.2 | 95.7 | 97.7 | 98.8 | 98.8 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

USAF ETAC FORM 121-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS, LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .5 | ≥ .5 | ≥ 5 16 | ≥ .4 | ≥ 0 |
| NO CEILING | 23.9 | 31.5 | 34.0 | 35.7 | 36.9 | 37.2 | 37.7 | 37.9 | 38.0 | 38.2 | 38.5 | 38.5 | 38.6 | 38.7 | 38.7 | 38.8 |
| ≥ 20000 | 26.1 | 34.5 | 37.3 | 39.1 | 40.3 | 40.7 | 41.4 | 41.6 | 41.7 | 41.9 | 42.3 | 42.3 | 42.4 | 42.4 | 42.4 | 42.6 |
| ≥ 18000 | 26.2 | 34.7 | 37.5 | 39.3 | 40.6 | 40.9 | 41.7 | 41.9 | 42.0 | 42.2 | 42.6 | 42.6 | 42.7 | 42.7 | 42.7 | 42.9 |
| ≥ 16000 | 26.4 | 35.0 | 37.8 | 39.6 | 40.9 | 41.3 | 42.0 | 42.2 | 42.4 | 42.6 | 42.9 | 42.9 | 43.0 | 43.0 | 43.1 | 43.2 |
| ≥ 14000 | 26.9 | 35.7 | 38.6 | 40.5 | 41.9 | 42.2 | 43.0 | 43.2 | 43.3 | 43.5 | 43.9 | 43.9 | 44.0 | 44.0 | 44.0 | 44.2 |
| ≥ 12000 | 27.9 | 36.9 | 39.9 | 41.9 | 43.2 | 43.6 | 44.3 | 44.5 | 44.7 | 44.9 | 45.2 | 45.2 | 45.3 | 45.3 | 45.4 | 45.5 |
| ≥ 10000 | 29.4 | 38.7 | 41.9 | 44.0 | 45.4 | 45.8 | 46.5 | 46.7 | 46.8 | 47.0 | 47.4 | 47.4 | 47.5 | 47.5 | 47.6 | 47.7 |
| ≥ 9000 | 30.0 | 39.5 | 42.8 | 44.9 | 46.3 | 46.7 | 47.4 | 47.6 | 47.7 | 48.0 | 48.3 | 48.3 | 48.4 | 48.5 | 48.5 | 48.6 |
| ≥ 8000 | 31.9 | 42.2 | 45.5 | 47.7 | 49.2 | 49.5 | 50.3 | 50.6 | 50.8 | 51.0 | 51.3 | 51.3 | 51.4 | 51.5 | 51.5 | 51.6 |
| ≥ 7000 | 35.1 | 45.8 | 49.2 | 51.4 | 52.9 | 53.3 | 54.0 | 54.3 | 54.5 | 54.7 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 | 55.4 |
| ≥ 6000 | 37.0 | 48.0 | 51.5 | 53.8 | 55.4 | 55.7 | 56.5 | 56.8 | 57.0 | 57.2 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.9 |
| ≥ 5000 | 40.8 | 53.3 | 57.2 | 59.6 | 61.4 | 61.7 | 62.6 | 62.9 | 63.1 | 63.3 | 63.7 | 63.7 | 63.8 | 63.9 | 63.9 | 64.0 |
| ≥ 4500 | 42.8 | 56.0 | 60.2 | 62.6 | 64.5 | 64.8 | 65.7 | 66.0 | 66.2 | 66.5 | 66.9 | 66.9 | 67.0 | 67.0 | 67.1 | 67.2 |
| ≥ 4000 | 46.4 | 60.7 | 65.1 | 67.6 | 69.5 | 69.9 | 70.7 | 71.1 | 71.3 | 71.7 | 72.1 | 72.1 | 72.2 | 72.2 | 72.3 | 72.4 |
| ≥ 3500 | 49.1 | 64.7 | 69.4 | 72.1 | 74.0 | 74.3 | 75.2 | 75.7 | 75.9 | 76.2 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 77.0 |
| ≥ 3000 | 52.4 | 69.8 | 74.6 | 77.6 | 79.5 | 79.9 | 80.8 | 81.3 | 81.6 | 82.0 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.8 |
| ≥ 2500 | 55.2 | 74.5 | 79.6 | 82.8 | 85.0 | 85.4 | 86.3 | 86.9 | 87.1 | 87.5 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.5 |
| ≥ 2000 | 57.9 | 79.2 | 84.6 | 87.9 | 90.4 | 90.8 | 91.8 | 92.4 | 92.6 | 93.1 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 1800 | 58.2 | 79.9 | 85.3 | 88.6 | 91.1 | 91.5 | 92.5 | 93.1 | 93.4 | 93.8 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.8 |
| ≥ 1500 | 58.7 | 80.9 | 86.5 | 89.8 | 92.5 | 92.9 | 93.9 | 94.6 | 94.8 | 95.3 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.3 |
| ≥ 1200 | 59.2 | 81.6 | 87.4 | 90.7 | 93.4 | 93.9 | 94.9 | 95.5 | 95.8 | 96.2 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.3 |
| ≥ 1000 | 59.3 | 81.9 | 87.9 | 91.2 | 94.0 | 94.5 | 95.5 | 96.2 | 96.4 | 96.9 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 98.0 |
| ≥ 900 | 59.4 | 82.1 | 88.0 | 91.4 | 94.2 | 94.7 | 95.7 | 96.4 | 96.6 | 97.1 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.2 |
| ≥ 800 | 59.5 | 82.2 | 88.2 | 91.6 | 94.4 | 94.9 | 96.0 | 96.7 | 96.9 | 97.5 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 |
| ≥ 700 | 59.5 | 82.4 | 88.4 | 91.8 | 94.6 | 95.1 | 96.2 | 97.0 | 97.2 | 97.8 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 |
| ≥ 600 | 59.5 | 82.4 | 88.4 | 91.8 | 94.6 | 95.1 | 96.3 | 97.1 | 97.3 | 97.9 | 98.5 | 98.5 | 98.7 | 98.8 | 98.9 | 99.0 |
| ≥ 500 | 59.5 | 82.4 | 88.4 | 91.8 | 94.7 | 95.2 | 96.5 | 97.3 | 97.5 | 98.1 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.3 |
| ≥ 400 | 59.5 | 82.4 | 88.5 | 91.9 | 94.7 | 95.2 | 96.6 | 97.4 | 97.6 | 98.2 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.4 |
| ≥ 300 | 59.5 | 82.4 | 88.5 | 91.9 | 94.7 | 95.2 | 96.6 | 97.4 | 97.7 | 98.4 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 |
| ≥ 200 | 59.5 | 82.4 | 88.5 | 91.9 | 94.7 | 95.2 | 96.7 | 97.5 | 97.7 | 98.6 | 99.3 | 99.3 | 99.5 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 59.5 | 82.4 | 88.5 | 91.9 | 94.7 | 95.2 | 96.7 | 97.5 | 97.7 | 98.6 | 99.3 | 99.3 | 99.6 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 59.5 | 82.4 | 88.5 | 91.9 | 94.7 | 95.2 | 96.7 | 97.5 | 97.7 | 98.6 | 99.3 | 99.3 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2955

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHDRD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSAPR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0 |
| NO CEILING | 26.8 | 35.1 | 38.0 | 39.3 | 40.4 | 40.5 | 41.2 | 41.3 | 41.3 | 41.4 | 41.5 | 41.5 | 41.6 | 41.6 | 41.8 | 41.8 |
| ≥ 20000 | 29.1 | 38.6 | 41.8 | 43.3 | 44.4 | 44.5 | 45.2 | 45.4 | 45.4 | 45.5 | 45.6 | 45.6 | 45.7 | 45.7 | 45.9 | 45.9 |
| ≥ 18000 | 29.3 | 38.9 | 42.1 | 43.6 | 44.7 | 44.8 | 45.5 | 45.7 | 45.7 | 45.8 | 45.9 | 45.9 | 46.0 | 46.0 | 46.3 | 46.3 |
| ≥ 16000 | 29.3 | 39.0 | 42.2 | 43.6 | 44.8 | 44.9 | 45.6 | 45.8 | 45.8 | 45.9 | 46.0 | 46.0 | 46.1 | 46.1 | 46.4 | 46.4 |
| ≥ 14000 | 30.1 | 40.0 | 43.3 | 44.8 | 45.9 | 46.1 | 46.9 | 47.0 | 47.0 | 47.1 | 47.3 | 47.3 | 47.3 | 47.3 | 47.6 | 47.6 |
| ≥ 12000 | 31.5 | 41.7 | 45.3 | 46.9 | 48.1 | 48.3 | 49.1 | 49.2 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 49.5 | 49.8 | 49.8 |
| ≥ 10000 | 32.6 | 43.3 | 46.9 | 48.5 | 49.7 | 49.9 | 50.7 | 50.9 | 50.9 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.5 | 51.5 |
| ≥ 9000 | 33.3 | 44.2 | 47.9 | 49.5 | 50.7 | 50.9 | 51.7 | 51.9 | 51.9 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.5 | 52.5 |
| ≥ 8000 | 35.2 | 46.4 | 50.3 | 51.9 | 53.3 | 53.5 | 54.3 | 54.5 | 54.5 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 55.1 | 55.1 |
| ≥ 7000 | 37.4 | 49.5 | 53.5 | 55.1 | 56.5 | 56.7 | 57.5 | 57.8 | 57.8 | 57.9 | 58.0 | 58.0 | 58.1 | 58.1 | 58.3 | 58.3 |
| ≥ 6000 | 39.1 | 52.1 | 56.1 | 57.8 | 59.1 | 59.3 | 60.2 | 60.4 | 60.4 | 60.5 | 60.7 | 60.7 | 60.8 | 60.8 | 61.0 | 61.0 |
| ≥ 5000 | 42.2 | 56.2 | 60.4 | 62.2 | 63.7 | 63.9 | 64.8 | 65.1 | 65.1 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.7 | 65.7 |
| ≥ 4500 | 44.2 | 59.0 | 63.2 | 65.0 | 66.6 | 66.8 | 67.7 | 68.0 | 68.0 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.6 | 68.6 |
| ≥ 4000 | 47.6 | 63.3 | 67.6 | 69.6 | 71.1 | 71.3 | 72.3 | 72.6 | 72.7 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.4 | 73.4 |
| ≥ 3500 | 50.8 | 67.8 | 72.3 | 74.3 | 76.0 | 76.2 | 77.3 | 77.6 | 77.7 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.4 | 78.4 |
| ≥ 3000 | 54.4 | 72.9 | 77.5 | 79.7 | 81.7 | 82.0 | 83.2 | 83.5 | 83.6 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 84.2 | 84.3 |
| ≥ 2500 | 56.7 | 76.8 | 81.8 | 84.0 | 86.1 | 86.4 | 87.6 | 87.9 | 88.0 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.6 | 88.7 |
| ≥ 2000 | 59.8 | 81.1 | 86.4 | 88.8 | 91.0 | 91.3 | 92.6 | 92.9 | 92.9 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.6 | 93.6 |
| ≥ 1800 | 60.2 | 81.7 | 87.0 | 89.5 | 91.8 | 92.0 | 93.3 | 93.6 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.3 | 94.4 |
| ≥ 1500 | 61.3 | 83.3 | 88.7 | 91.2 | 93.5 | 93.8 | 95.1 | 95.4 | 95.5 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 96.2 | 96.2 |
| ≥ 1200 | 61.9 | 84.4 | 89.8 | 92.5 | 95.0 | 95.3 | 96.6 | 97.0 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.8 | 97.9 |
| ≥ 1000 | 62.1 | 84.7 | 90.1 | 92.8 | 95.3 | 95.6 | 97.0 | 97.4 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 98.2 | 98.3 |
| ≥ 900 | 62.3 | 84.9 | 90.3 | 93.1 | 95.6 | 95.9 | 97.3 | 97.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.5 | 98.6 |
| ≥ 800 | 62.5 | 85.1 | 90.5 | 93.4 | 95.9 | 96.2 | 97.6 | 98.0 | 98.0 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.9 | 99.0 |
| ≥ 700 | 62.5 | 85.2 | 90.7 | 93.5 | 96.2 | 96.5 | 97.9 | 98.3 | 98.4 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.3 |
| ≥ 600 | 62.5 | 85.2 | 90.7 | 93.6 | 96.3 | 96.6 | 98.0 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.3 | 99.4 |
| ≥ 500 | 62.5 | 85.2 | 90.7 | 93.6 | 96.3 | 96.6 | 98.0 | 98.5 | 98.5 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.4 | 99.5 |
| ≥ 400 | 62.5 | 85.2 | 90.7 | 93.6 | 96.3 | 96.7 | 98.1 | 98.5 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 |
| ≥ 300 | 62.5 | 85.2 | 90.7 | 93.6 | 96.4 | 96.8 | 98.3 | 98.7 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.8 |
| ≥ 200 | 62.5 | 85.2 | 90.7 | 93.7 | 96.4 | 96.8 | 98.3 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.8 | 99.9 |
| ≥ 100 | 62.5 | 85.2 | 90.7 | 93.7 | 96.4 | 96.8 | 98.3 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.8 | 100.0 |
| ≥ 0 | 62.5 | 85.2 | 90.7 | 93.7 | 96.4 | 96.8 | 98.3 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2864

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 18.8 | 26.4 | 29.3 | 30.8 | 32.4 | 32.6 | 33.5 | 34.0 | 34.0 | 34.4 | 34.4 | 34.4 | 34.5 | 34.5 | 34.7 | 34.7 |
| ≥ 20000 | 21.0 | 29.2 | 32.4 | 34.2 | 35.9 | 36.1 | 37.1 | 37.6 | 37.7 | 38.1 | 38.2 | 38.2 | 38.3 | 38.3 | 38.5 | 38.5 |
| ≥ 18000 | 21.0 | 29.2 | 32.4 | 34.2 | 35.9 | 36.1 | 37.1 | 37.6 | 37.7 | 38.1 | 38.2 | 38.2 | 38.3 | 38.3 | 38.5 | 38.5 |
| ≥ 16000 | 21.1 | 29.3 | 32.4 | 34.3 | 36.0 | 36.2 | 37.2 | 37.7 | 37.8 | 38.2 | 38.3 | 38.3 | 38.4 | 38.4 | 38.6 | 38.6 |
| ≥ 14000 | 21.4 | 30.0 | 33.3 | 35.2 | 36.9 | 37.1 | 38.1 | 38.7 | 38.8 | 39.2 | 39.3 | 39.3 | 39.4 | 39.4 | 39.5 | 39.6 |
| ≥ 12000 | 22.4 | 31.5 | 34.9 | 36.9 | 38.8 | 39.0 | 40.1 | 40.6 | 40.7 | 41.1 | 41.2 | 41.2 | 41.3 | 41.3 | 41.5 | 41.5 |
| ≥ 10000 | 23.5 | 33.1 | 36.7 | 38.7 | 40.7 | 40.9 | 42.0 | 42.6 | 42.6 | 43.0 | 43.1 | 43.1 | 43.3 | 43.3 | 43.4 | 43.5 |
| ≥ 9000 | 24.1 | 33.8 | 37.4 | 39.4 | 41.5 | 41.6 | 42.8 | 43.3 | 43.4 | 43.8 | 43.9 | 43.9 | 44.0 | 44.0 | 44.2 | 44.2 |
| ≥ 8000 | 26.1 | 36.2 | 39.9 | 42.0 | 44.2 | 44.4 | 45.6 | 46.1 | 46.2 | 46.6 | 46.7 | 46.7 | 46.9 | 46.9 | 47.0 | 47.1 |
| ≥ 7000 | 28.7 | 39.6 | 43.6 | 45.8 | 48.0 | 48.2 | 49.4 | 50.0 | 50.0 | 50.5 | 50.6 | 50.6 | 50.7 | 50.7 | 50.9 | 50.9 |
| ≥ 6000 | 30.3 | 41.6 | 45.8 | 48.0 | 50.3 | 50.5 | 51.8 | 52.4 | 52.4 | 52.9 | 53.0 | 53.0 | 53.1 | 53.1 | 53.3 | 53.4 |
| ≥ 5000 | 33.5 | 46.5 | 50.8 | 53.2 | 55.7 | 55.8 | 57.2 | 57.8 | 57.9 | 58.3 | 58.4 | 58.5 | 58.6 | 58.6 | 58.8 | 58.8 |
| ≥ 4500 | 35.5 | 49.1 | 53.4 | 55.8 | 58.5 | 58.7 | 60.0 | 60.7 | 60.7 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 |
| ≥ 4000 | 38.7 | 53.3 | 57.8 | 60.3 | 63.1 | 63.4 | 64.8 | 65.4 | 65.5 | 66.0 | 66.2 | 66.3 | 66.4 | 66.5 | 66.7 | 66.7 |
| ≥ 3500 | 42.6 | 58.6 | 63.3 | 65.8 | 68.7 | 69.0 | 70.4 | 71.1 | 71.2 | 71.7 | 71.9 | 72.0 | 72.1 | 72.2 | 72.4 | 72.4 |
| ≥ 3000 | 45.9 | 63.4 | 68.4 | 71.0 | 74.1 | 74.5 | 75.9 | 76.6 | 76.7 | 77.2 | 77.5 | 77.5 | 77.7 | 77.8 | 77.9 | 78.0 |
| ≥ 2500 | 49.6 | 68.7 | 73.9 | 76.8 | 80.0 | 80.4 | 81.8 | 82.3 | 82.6 | 83.1 | 83.4 | 83.4 | 83.6 | 83.7 | 83.8 | 84.0 |
| ≥ 2000 | 53.5 | 74.1 | 79.6 | 82.8 | 86.4 | 86.8 | 88.3 | 89.0 | 89.1 | 89.7 | 89.9 | 90.0 | 90.2 | 90.2 | 90.4 | 90.5 |
| ≥ 1800 | 54.3 | 75.0 | 80.7 | 83.9 | 87.6 | 87.9 | 89.4 | 90.1 | 90.2 | 90.8 | 91.1 | 91.2 | 91.3 | 91.4 | 91.6 | 91.7 |
| ≥ 1500 | 55.5 | 76.7 | 82.4 | 85.8 | 89.6 | 90.0 | 91.4 | 92.2 | 92.3 | 93.0 | 93.2 | 93.3 | 93.5 | 93.5 | 93.7 | 93.8 |
| ≥ 1200 | 56.3 | 77.9 | 83.9 | 87.3 | 91.1 | 91.5 | 93.0 | 93.8 | 93.9 | 94.6 | 94.8 | 94.9 | 95.1 | 95.1 | 95.3 | 95.4 |
| ≥ 1000 | 56.8 | 78.7 | 84.7 | 88.2 | 92.1 | 92.5 | 94.0 | 94.9 | 94.9 | 95.6 | 95.9 | 96.0 | 96.2 | 96.2 | 96.4 | 96.5 |
| ≥ 900 | 56.9 | 78.8 | 84.9 | 88.4 | 92.3 | 92.8 | 94.3 | 95.1 | 95.2 | 95.9 | 96.2 | 96.2 | 96.4 | 96.5 | 96.6 | 96.7 |
| ≥ 800 | 57.0 | 79.1 | 85.1 | 88.7 | 92.7 | 93.1 | 94.6 | 95.5 | 95.5 | 96.3 | 96.5 | 96.6 | 96.8 | 96.9 | 97.0 | 97.1 |
| ≥ 700 | 57.0 | 79.2 | 85.2 | 88.9 | 92.8 | 93.3 | 94.9 | 95.7 | 95.8 | 96.5 | 96.8 | 96.9 | 97.0 | 97.1 | 97.3 | 97.4 |
| ≥ 600 | 57.0 | 79.2 | 85.3 | 89.0 | 93.0 | 93.5 | 95.0 | 95.9 | 96.0 | 96.7 | 97.0 | 97.1 | 97.2 | 97.3 | 97.5 | 97.6 |
| ≥ 500 | 57.1 | 79.2 | 85.3 | 89.1 | 93.1 | 93.7 | 95.2 | 96.1 | 96.2 | 97.0 | 97.3 | 97.3 | 97.6 | 97.6 | 97.8 | 97.9 |
| ≥ 400 | 57.1 | 79.2 | 85.4 | 89.3 | 93.3 | 93.9 | 95.5 | 96.3 | 96.4 | 97.2 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.2 |
| ≥ 300 | 57.1 | 79.3 | 85.5 | 89.4 | 93.5 | 94.1 | 95.7 | 96.6 | 96.7 | 97.6 | 97.9 | 98.0 | 98.2 | 98.3 | 98.5 | 98.6 |
| ≥ 200 | 57.1 | 79.3 | 85.5 | 89.5 | 93.6 | 94.2 | 95.8 | 96.7 | 96.9 | 97.8 | 98.2 | 98.3 | 98.5 | 98.6 | 98.9 | 99.0 |
| ≥ 100 | 57.1 | 79.3 | 85.5 | 89.5 | 93.6 | 94.2 | 95.8 | 96.7 | 96.9 | 97.8 | 98.3 | 98.3 | 98.6 | 98.7 | 99.1 | 99.5 |
| ≥ 0 | 57.1 | 79.3 | 85.5 | 89.5 | 93.6 | 94.2 | 95.8 | 96.7 | 96.9 | 97.8 | 98.3 | 98.4 | 98.7 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2850

USAF ETAC

FORM 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHURO AFB WASHINGTON/TACOMA

41-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 15.8 | 19.1 | 20.8 | 22.0 | 23.3 | 23.6 | 24.5 | 24.6 | 24.8 | 25.1 | 25.3 | 25.3 | 25.3 | 25.3 | 25.6 | 25.7 |
| ≥ 20000 | 19.7 | 24.0 | 25.9 | 27.4 | 29.3 | 29.8 | 31.0 | 31.4 | 31.4 | 31.8 | 32.0 | 32.0 | 32.1 | 32.1 | 32.3 | 32.4 |
| ≥ 18000 | 19.8 | 24.1 | 26.1 | 27.7 | 29.5 | 30.1 | 31.3 | 31.7 | 31.7 | 32.1 | 32.3 | 32.3 | 32.4 | 32.4 | 32.6 | 32.7 |
| ≥ 16000 | 19.9 | 24.3 | 26.3 | 27.9 | 29.7 | 30.2 | 31.5 | 31.9 | 31.9 | 32.3 | 32.5 | 32.5 | 32.6 | 32.6 | 32.8 | 32.9 |
| ≥ 14000 | 20.8 | 25.3 | 27.3 | 29.0 | 30.8 | 31.3 | 32.7 | 33.0 | 33.0 | 33.5 | 33.6 | 33.6 | 33.7 | 33.7 | 33.9 | 34.0 |
| ≥ 12000 | 21.9 | 26.7 | 28.8 | 30.6 | 32.6 | 33.1 | 34.6 | 35.1 | 35.1 | 35.6 | 35.8 | 35.8 | 35.8 | 35.8 | 36.0 | 36.2 |
| ≥ 10000 | 23.8 | 29.1 | 31.4 | 33.4 | 35.5 | 36.0 | 37.5 | 38.0 | 38.0 | 38.5 | 38.7 | 38.7 | 38.7 | 38.7 | 39.0 | 39.1 |
| ≥ 9000 | 24.6 | 30.2 | 32.6 | 34.5 | 36.6 | 37.2 | 38.7 | 39.2 | 39.2 | 39.7 | 39.9 | 39.9 | 39.9 | 39.9 | 40.2 | 40.3 |
| ≥ 8000 | 26.7 | 32.8 | 35.3 | 37.3 | 39.7 | 40.2 | 41.7 | 42.2 | 42.2 | 42.7 | 42.9 | 42.9 | 43.0 | 43.0 | 43.3 | 43.4 |
| ≥ 7000 | 29.3 | 35.9 | 38.6 | 40.7 | 43.2 | 44.0 | 45.6 | 46.0 | 46.1 | 46.5 | 46.7 | 46.7 | 46.8 | 46.8 | 47.1 | 47.2 |
| ≥ 6000 | 31.4 | 38.6 | 41.6 | 43.7 | 46.4 | 47.1 | 48.7 | 49.2 | 49.2 | 49.7 | 50.0 | 50.0 | 50.0 | 50.0 | 50.3 | 50.5 |
| ≥ 5000 | 34.9 | 42.9 | 46.2 | 48.4 | 51.2 | 52.0 | 53.6 | 54.1 | 54.1 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 55.2 | 55.3 |
| ≥ 4500 | 37.2 | 45.7 | 49.0 | 51.3 | 54.3 | 55.1 | 56.0 | 57.3 | 57.3 | 57.8 | 58.1 | 58.1 | 58.1 | 58.1 | 58.4 | 58.6 |
| ≥ 4000 | 39.8 | 49.3 | 52.8 | 55.2 | 58.3 | 59.2 | 61.0 | 61.6 | 61.6 | 62.2 | 62.4 | 62.4 | 62.5 | 62.5 | 62.8 | 62.9 |
| ≥ 3500 | 43.6 | 53.9 | 57.4 | 59.9 | 63.3 | 64.2 | 66.1 | 66.7 | 66.7 | 67.3 | 67.6 | 67.6 | 67.7 | 67.7 | 68.0 | 68.1 |
| ≥ 3000 | 47.3 | 59.3 | 63.3 | 65.9 | 69.5 | 70.5 | 72.7 | 73.5 | 73.5 | 74.1 | 74.4 | 74.4 | 74.5 | 74.5 | 74.8 | 74.9 |
| ≥ 2500 | 51.6 | 65.0 | 69.4 | 72.2 | 75.9 | 76.9 | 79.2 | 80.0 | 80.1 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.4 | 81.5 |
| ≥ 2000 | 55.2 | 69.9 | 74.6 | 77.7 | 81.6 | 82.7 | 85.1 | 85.9 | 85.9 | 86.5 | 86.9 | 86.9 | 87.0 | 87.0 | 87.3 | 87.4 |
| ≥ 1800 | 56.0 | 71.0 | 75.8 | 79.1 | 83.1 | 84.2 | 86.5 | 87.4 | 87.4 | 88.0 | 88.3 | 88.3 | 88.5 | 88.5 | 88.7 | 88.9 |
| ≥ 1500 | 57.1 | 72.8 | 78.0 | 81.5 | 85.6 | 86.7 | 89.2 | 90.1 | 90.2 | 90.8 | 91.1 | 91.1 | 91.3 | 91.3 | 91.5 | 91.7 |
| ≥ 1200 | 57.9 | 74.0 | 79.3 | 83.0 | 87.2 | 88.5 | 91.0 | 92.0 | 92.0 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.4 | 93.6 |
| ≥ 1000 | 58.4 | 74.8 | 80.0 | 83.9 | 88.0 | 89.4 | 92.0 | 93.0 | 93.0 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.4 | 94.6 |
| ≥ 900 | 58.6 | 75.1 | 80.5 | 84.4 | 88.5 | 89.9 | 92.5 | 93.5 | 93.5 | 94.2 | 94.5 | 94.5 | 94.7 | 94.7 | 95.0 | 95.1 |
| ≥ 800 | 58.7 | 75.4 | 80.9 | 84.8 | 89.0 | 90.3 | 93.0 | 94.0 | 94.1 | 94.8 | 95.1 | 95.1 | 95.3 | 95.3 | 95.6 | 95.8 |
| ≥ 700 | 58.8 | 75.6 | 81.2 | 85.1 | 89.3 | 90.6 | 93.3 | 94.4 | 94.4 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 96.0 | 96.2 |
| ≥ 600 | 58.9 | 75.7 | 81.4 | 85.2 | 89.6 | 90.9 | 93.7 | 94.7 | 94.8 | 95.5 | 95.8 | 95.8 | 96.0 | 96.0 | 96.3 | 96.5 |
| ≥ 500 | 59.0 | 75.9 | 81.6 | 85.6 | 90.0 | 91.4 | 94.2 | 95.3 | 95.3 | 96.1 | 96.4 | 96.4 | 96.6 | 96.6 | 96.9 | 97.1 |
| ≥ 400 | 59.0 | 75.9 | 81.7 | 85.7 | 90.2 | 91.6 | 94.4 | 95.5 | 95.5 | 96.3 | 96.6 | 96.6 | 96.8 | 96.8 | 97.1 | 97.4 |
| ≥ 300 | 59.0 | 75.9 | 81.7 | 85.8 | 90.3 | 91.8 | 94.6 | 95.7 | 95.7 | 96.5 | 96.9 | 96.9 | 97.1 | 97.2 | 97.6 | 97.8 |
| ≥ 200 | 59.0 | 75.9 | 81.7 | 85.8 | 90.3 | 91.8 | 94.6 | 95.7 | 95.8 | 96.7 | 97.2 | 97.2 | 97.5 | 97.6 | 98.1 | 98.7 |
| ≥ 100 | 59.0 | 75.9 | 81.7 | 85.8 | 90.3 | 91.8 | 94.6 | 95.8 | 95.8 | 96.9 | 97.3 | 97.4 | 97.8 | 97.9 | 98.5 | 99.3 |
| ≥ 0 | 59.0 | 75.9 | 81.7 | 85.8 | 90.3 | 91.8 | 94.6 | 95.8 | 95.8 | 96.9 | 97.3 | 97.4 | 97.8 | 97.9 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2860

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
FAIRAPR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 14.7 | 17.8 | 18.9 | 20.0 | 21.2 | 21.4 | 21.7 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 |
| ≥ 20000 | 18.5 | 22.3 | 23.9 | 25.3 | 27.1 | 27.2 | 27.7 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| ≥ 18000 | 18.6 | 22.5 | 24.1 | 25.6 | 27.5 | 27.6 | 28.1 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 |
| ≥ 16000 | 19.1 | 23.1 | 24.7 | 26.2 | 28.0 | 28.2 | 28.6 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| ≥ 14000 | 20.5 | 24.6 | 26.3 | 27.8 | 29.7 | 29.9 | 30.3 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| ≥ 12000 | 21.2 | 25.6 | 27.4 | 29.0 | 31.0 | 31.2 | 31.7 | 32.0 | 32.0 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| ≥ 10000 | 22.9 | 27.5 | 29.5 | 31.1 | 33.1 | 33.3 | 33.8 | 34.1 | 34.1 | 34.2 | 34.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 9000 | 23.3 | 28.2 | 30.1 | 31.8 | 33.8 | 34.0 | 34.6 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| ≥ 8000 | 25.1 | 30.0 | 32.2 | 33.9 | 35.9 | 36.2 | 36.8 | 37.2 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 7000 | 27.3 | 32.6 | 34.8 | 36.4 | 38.7 | 39.0 | 39.7 | 40.1 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 6000 | 28.8 | 34.5 | 36.7 | 38.5 | 40.7 | 41.0 | 41.7 | 42.1 | 42.1 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 5000 | 31.7 | 37.5 | 39.9 | 41.8 | 44.1 | 44.5 | 45.2 | 45.7 | 45.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 4500 | 33.8 | 39.9 | 42.5 | 44.4 | 46.7 | 47.1 | 47.8 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 4000 | 38.2 | 45.2 | 47.8 | 49.8 | 52.3 | 52.6 | 53.4 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 3500 | 43.4 | 50.8 | 53.6 | 55.6 | 58.2 | 58.6 | 59.4 | 59.8 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 3000 | 49.2 | 57.7 | 60.8 | 63.0 | 65.8 | 66.2 | 67.1 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 2500 | 57.9 | 68.0 | 71.4 | 73.7 | 76.6 | 77.2 | 78.0 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 2000 | 64.6 | 75.9 | 79.7 | 82.2 | 85.3 | 85.9 | 86.7 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1800 | 65.8 | 77.4 | 81.2 | 83.7 | 86.8 | 87.5 | 88.3 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1500 | 67.9 | 80.3 | 84.5 | 87.2 | 90.6 | 91.3 | 92.3 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1200 | 69.1 | 82.3 | 86.7 | 89.6 | 93.1 | 93.8 | 94.9 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 69.5 | 83.1 | 87.7 | 90.7 | 94.2 | 94.9 | 96.0 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 69.7 | 83.4 | 88.0 | 91.2 | 94.7 | 95.4 | 96.5 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 69.7 | 83.5 | 88.3 | 91.6 | 95.1 | 95.9 | 97.0 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 69.7 | 83.6 | 88.4 | 91.6 | 95.2 | 96.0 | 97.1 | 97.7 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 69.8 | 83.8 | 88.7 | 92.0 | 95.7 | 96.6 | 97.7 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 69.8 | 83.8 | 88.8 | 92.1 | 95.8 | 96.8 | 97.9 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 69.8 | 83.8 | 88.8 | 92.2 | 95.9 | 96.9 | 98.0 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 69.8 | 83.8 | 88.9 | 92.2 | 95.9 | 97.0 | 98.1 | 99.0 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 69.8 | 83.8 | 88.9 | 92.2 | 95.9 | 97.0 | 98.1 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 69.8 | 83.8 | 88.9 | 92.2 | 95.9 | 97.0 | 98.1 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 69.8 | 83.8 | 88.9 | 92.2 | 95.9 | 97.0 | 98.1 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2859

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 19.5 | 22.7 | 23.4 | 23.7 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| ≥ 20000 | 25.5 | 29.7 | 30.7 | 31.1 | 31.5 | 31.5 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| ≥ 18000 | 25.6 | 29.8 | 30.8 | 31.3 | 31.7 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| ≥ 16000 | 26.0 | 30.2 | 31.2 | 31.7 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 |
| ≥ 14000 | 27.5 | 32.1 | 33.1 | 33.6 | 34.2 | 34.2 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| ≥ 12000 | 28.8 | 33.6 | 34.7 | 35.3 | 35.9 | 35.9 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 |
| ≥ 10000 | 30.3 | 35.2 | 36.3 | 36.8 | 37.4 | 37.5 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| ≥ 9000 | 30.8 | 35.8 | 36.9 | 37.5 | 38.2 | 38.2 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 |
| ≥ 8000 | 32.2 | 37.6 | 38.7 | 39.3 | 40.0 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 7000 | 34.0 | 39.6 | 40.9 | 41.7 | 42.4 | 42.5 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 6000 | 35.5 | 41.6 | 43.0 | 43.9 | 44.6 | 44.7 | 44.9 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| ≥ 5000 | 39.1 | 45.5 | 47.0 | 47.9 | 48.7 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 4500 | 42.0 | 48.7 | 50.2 | 51.1 | 52.0 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 4000 | 47.6 | 54.9 | 56.7 | 57.7 | 58.6 | 58.8 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 3500 | 54.4 | 62.5 | 64.3 | 65.3 | 66.3 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 3000 | 61.9 | 70.9 | 72.8 | 74.0 | 75.0 | 75.2 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 2500 | 70.4 | 80.7 | 82.7 | 83.9 | 84.9 | 85.1 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2000 | 76.1 | 88.1 | 90.2 | 91.5 | 92.7 | 92.9 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 76.7 | 89.1 | 91.2 | 92.5 | 93.8 | 93.9 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 77.9 | 90.8 | 93.2 | 94.8 | 96.2 | 96.4 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 78.3 | 91.5 | 94.2 | 95.8 | 97.3 | 97.6 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 78.5 | 91.9 | 94.6 | 96.3 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 78.6 | 92.0 | 94.9 | 96.6 | 98.2 | 98.4 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 78.6 | 92.1 | 95.0 | 96.7 | 98.4 | 98.7 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 78.6 | 92.1 | 95.0 | 96.7 | 98.4 | 98.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 78.6 | 92.1 | 95.0 | 96.7 | 98.4 | 98.8 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 78.6 | 92.1 | 95.0 | 96.8 | 98.5 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2859

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACUMA

41-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.75 | ≥.7 | ≥.6 | ≥0 |
| NO CEILING | 23.3 | 25.4 | 25.8 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 |
| ≥ 20000 | 31.8 | 34.8 | 35.4 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| ≥ 18000 | 32.2 | 35.2 | 35.8 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 16000 | 32.7 | 35.7 | 36.3 | 36.5 | 36.5 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 |
| ≥ 14000 | 34.3 | 37.7 | 38.4 | 38.5 | 38.6 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| ≥ 12000 | 36.1 | 39.9 | 40.6 | 40.8 | 41.0 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| ≥ 10000 | 38.4 | 42.5 | 43.3 | 43.5 | 43.6 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| ≥ 9000 | 39.1 | 43.1 | 43.9 | 44.1 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| ≥ 8000 | 41.3 | 45.6 | 46.7 | 46.9 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| ≥ 7000 | 44.4 | 49.0 | 50.3 | 50.6 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 6000 | 46.1 | 51.1 | 52.4 | 52.8 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 5000 | 50.8 | 56.6 | 58.1 | 58.7 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 4500 | 54.0 | 60.2 | 61.7 | 62.3 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 4000 | 59.2 | 65.9 | 67.7 | 68.5 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 3500 | 63.4 | 71.2 | 73.0 | 73.9 | 74.4 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 3000 | 69.7 | 78.5 | 80.4 | 81.4 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2500 | 75.7 | 86.2 | 88.4 | 89.5 | 90.2 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 2000 | 78.9 | 90.3 | 92.9 | 94.3 | 95.1 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1800 | 79.3 | 91.0 | 93.6 | 95.1 | 96.0 | 96.1 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1500 | 80.0 | 92.1 | 94.8 | 96.4 | 97.5 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 80.3 | 92.6 | 95.4 | 97.2 | 98.4 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 1000 | 80.5 | 92.8 | 95.7 | 97.6 | 98.8 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 80.5 | 92.9 | 95.8 | 97.8 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 80.5 | 93.0 | 95.9 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 600 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 500 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 400 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 80.5 | 93.0 | 96.0 | 97.9 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2857

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSAPR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥4 | ≥0 |
| NO CEILING | 27.8 | 30.9 | 31.9 | 32.2 | 32.4 | 32.5 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.7 | 32.7 | 32.7 | 32.7 |
| ≥ 20000 | 35.4 | 39.4 | 40.6 | 41.2 | 41.5 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 |
| IV 18000 | 35.5 | 39.5 | 40.8 | 41.3 | 41.6 | 41.7 | 41.8 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| IV 16000 | 36.2 | 40.3 | 41.5 | 42.1 | 42.5 | 42.5 | 42.6 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 |
| IV 14000 | 38.1 | 42.4 | 43.8 | 44.4 | 44.9 | 44.9 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| IV 12000 | 40.1 | 44.8 | 46.4 | 47.1 | 47.5 | 47.6 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| IV 10000 | 42.5 | 47.4 | 49.0 | 49.7 | 50.1 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| IV 9000 | 43.1 | 48.1 | 49.8 | 50.5 | 50.9 | 51.0 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| IV 8000 | 44.9 | 50.3 | 52.1 | 52.9 | 53.4 | 53.4 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 7000 | 48.6 | 54.6 | 56.6 | 57.4 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| IV 6000 | 50.8 | 57.0 | 59.2 | 60.1 | 60.6 | 60.8 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| IV 5000 | 55.0 | 61.9 | 64.2 | 65.2 | 65.8 | 66.0 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| IV 4500 | 57.8 | 65.3 | 67.6 | 68.7 | 69.3 | 69.5 | 69.7 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| IV 4000 | 61.4 | 70.0 | 72.4 | 73.6 | 74.2 | 74.4 | 74.6 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 3500 | 65.3 | 74.7 | 77.3 | 78.5 | 79.2 | 79.4 | 79.7 | 79.8 | 79.8 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 3000 | 69.4 | 80.4 | 83.2 | 84.5 | 85.3 | 85.5 | 85.8 | 86.0 | 86.0 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 2500 | 72.2 | 84.8 | 88.1 | 89.4 | 90.3 | 90.6 | 90.9 | 91.0 | 91.0 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 2000 | 74.8 | 88.6 | 92.1 | 93.6 | 94.7 | 95.0 | 95.3 | 95.5 | 95.5 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1800 | 74.9 | 88.9 | 92.7 | 94.2 | 95.3 | 95.6 | 96.0 | 96.1 | 96.1 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IV 1500 | 75.5 | 90.0 | 93.7 | 95.4 | 96.7 | 97.0 | 97.6 | 97.7 | 97.7 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1200 | 75.9 | 90.4 | 94.4 | 96.3 | 97.7 | 98.0 | 98.6 | 98.7 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1000 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 200 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | 76.0 | 90.5 | 94.5 | 96.4 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

2856

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT-5

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥0 |
| NO CEILING | 33.2 | 40.4 | 42.4 | 43.2 | 43.5 | 43.6 | 43.8 | 43.9 | 43.9 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 20000 | 36.5 | 44.9 | 47.0 | 47.8 | 48.3 | 48.4 | 48.5 | 48.6 | 48.6 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| ≥ 18000 | 36.6 | 45.0 | 47.1 | 47.9 | 48.4 | 48.5 | 48.6 | 48.7 | 48.7 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 16000 | 36.8 | 45.1 | 47.3 | 48.0 | 48.5 | 48.6 | 48.8 | 48.8 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 |
| ≥ 14000 | 37.5 | 46.1 | 48.3 | 49.0 | 49.5 | 49.6 | 49.8 | 49.9 | 49.9 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 12000 | 39.4 | 48.3 | 50.8 | 51.6 | 52.1 | 52.2 | 52.4 | 52.5 | 52.5 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 10000 | 40.8 | 50.0 | 52.4 | 53.2 | 53.8 | 53.9 | 54.1 | 54.2 | 54.2 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 9000 | 41.6 | 50.8 | 53.2 | 54.1 | 54.7 | 54.8 | 55.0 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 8000 | 43.8 | 53.3 | 56.0 | 56.9 | 57.5 | 57.6 | 57.8 | 57.9 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 7000 | 46.8 | 56.9 | 59.6 | 60.5 | 61.3 | 61.4 | 61.7 | 61.8 | 61.9 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 6000 | 48.4 | 59.5 | 62.2 | 63.2 | 63.9 | 64.1 | 64.4 | 64.5 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 5000 | 51.8 | 63.6 | 66.5 | 67.5 | 68.4 | 68.6 | 69.0 | 69.1 | 69.1 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 4500 | 53.6 | 66.2 | 69.1 | 70.1 | 71.0 | 71.2 | 71.6 | 71.7 | 71.7 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 4000 | 57.6 | 71.0 | 74.0 | 75.1 | 76.1 | 76.2 | 76.8 | 76.9 | 76.9 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | 60.4 | 75.2 | 78.4 | 79.6 | 80.6 | 80.8 | 81.3 | 81.4 | 81.5 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 3000 | 63.5 | 79.7 | 83.1 | 84.3 | 85.3 | 85.5 | 86.2 | 86.3 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 |
| ≥ 2500 | 65.8 | 83.3 | 86.9 | 88.2 | 89.3 | 89.5 | 90.1 | 90.2 | 90.3 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 68.6 | 87.4 | 91.3 | 92.8 | 93.9 | 94.1 | 94.9 | 95.0 | 95.0 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 |
| ≥ 1800 | 68.9 | 87.9 | 91.9 | 93.5 | 94.6 | 94.8 | 95.5 | 95.6 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 69.4 | 88.9 | 93.1 | 94.8 | 95.9 | 96.1 | 96.9 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 1200 | 70.0 | 89.9 | 94.2 | 96.0 | 97.3 | 97.5 | 98.3 | 98.4 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 1000 | 70.1 | 90.2 | 94.5 | 96.3 | 97.7 | 97.9 | 98.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 70.1 | 90.2 | 94.5 | 96.4 | 97.8 | 98.0 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 70.2 | 90.3 | 94.6 | 96.5 | 97.9 | 98.1 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 70.2 | 90.3 | 94.6 | 96.5 | 97.9 | 98.2 | 99.1 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 600 | 70.2 | 90.4 | 94.7 | 96.6 | 98.0 | 98.2 | 99.2 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 500 | 70.2 | 90.4 | 94.7 | 96.7 | 98.1 | 98.3 | 99.2 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 70.2 | 90.4 | 94.7 | 96.7 | 98.1 | 98.3 | 99.3 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 70.2 | 90.4 | 94.7 | 96.7 | 98.1 | 98.3 | 99.3 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 70.2 | 90.4 | 94.7 | 96.7 | 98.2 | 98.4 | 99.3 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 70.2 | 90.4 | 94.7 | 96.7 | 98.2 | 98.4 | 99.3 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 70.2 | 90.4 | 94.7 | 96.7 | 98.2 | 98.4 | 99.3 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2866

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACD'IA

41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 34.1 | 44.3 | 46.2 | 47.1 | 47.8 | 47.9 | 48.3 | 48.4 | 48.4 | 48.7 | 48.7 | 48.7 | 48.9 | 48.9 | 49.0 | 49.0 |
| ≥ 20000 | 37.2 | 48.3 | 50.4 | 51.5 | 52.2 | 52.3 | 52.7 | 52.9 | 52.9 | 53.1 | 53.2 | 53.2 | 53.3 | 53.3 | 53.4 | 53.5 |
| ≥ 18000 | 37.2 | 48.3 | 50.4 | 51.5 | 52.2 | 52.3 | 52.8 | 52.9 | 52.9 | 53.1 | 53.2 | 53.2 | 53.3 | 53.3 | 53.4 | 53.5 |
| ≥ 16000 | 37.4 | 48.5 | 50.7 | 51.8 | 52.5 | 52.6 | 53.1 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.6 | 53.7 | 53.8 | 53.8 |
| ≥ 14000 | 38.0 | 49.2 | 51.5 | 52.5 | 53.3 | 53.3 | 53.8 | 54.0 | 54.0 | 54.2 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.6 |
| ≥ 12000 | 39.0 | 50.3 | 52.7 | 53.7 | 54.6 | 54.7 | 55.1 | 55.3 | 55.3 | 55.5 | 55.6 | 55.6 | 55.7 | 55.7 | 55.8 | 55.9 |
| ≥ 10000 | 40.5 | 52.3 | 54.7 | 55.8 | 56.6 | 56.7 | 57.2 | 57.3 | 57.3 | 57.5 | 57.6 | 57.6 | 57.7 | 57.8 | 57.9 | 57.9 |
| ≥ 9000 | 41.9 | 53.7 | 56.1 | 57.2 | 58.1 | 58.1 | 58.6 | 58.8 | 58.8 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.3 | 59.3 |
| ≥ 8000 | 44.3 | 56.5 | 58.9 | 60.2 | 61.0 | 61.1 | 61.5 | 61.7 | 61.7 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.2 | 62.3 |
| ≥ 7000 | 46.3 | 59.1 | 61.7 | 62.9 | 63.8 | 63.8 | 64.3 | 64.5 | 64.5 | 64.7 | 64.8 | 64.8 | 64.9 | 64.9 | 65.0 | 65.1 |
| ≥ 6000 | 47.9 | 60.9 | 63.5 | 64.8 | 65.6 | 65.7 | 66.2 | 66.3 | 66.3 | 66.5 | 66.6 | 66.6 | 66.8 | 66.8 | 66.9 | 66.9 |
| ≥ 5000 | 51.6 | 65.7 | 68.5 | 69.8 | 70.7 | 70.8 | 71.3 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.1 |
| ≥ 4500 | 53.6 | 68.0 | 70.8 | 72.3 | 73.2 | 73.3 | 73.8 | 73.9 | 73.9 | 74.1 | 74.2 | 74.2 | 74.4 | 74.4 | 74.5 | 74.5 |
| ≥ 4000 | 56.4 | 71.6 | 74.6 | 76.2 | 77.2 | 77.3 | 77.7 | 77.9 | 77.9 | 78.1 | 78.2 | 78.2 | 78.3 | 78.4 | 78.5 | 78.5 |
| ≥ 3500 | 59.2 | 75.3 | 78.4 | 80.1 | 81.1 | 81.2 | 81.7 | 81.8 | 81.8 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.4 | 82.5 |
| ≥ 3000 | 62.7 | 79.6 | 82.8 | 84.4 | 85.5 | 85.6 | 86.1 | 86.3 | 86.3 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.9 |
| ≥ 2500 | 65.3 | 83.0 | 86.4 | 88.2 | 89.3 | 89.3 | 89.8 | 90.0 | 90.0 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 |
| ≥ 2000 | 67.4 | 86.3 | 89.8 | 91.7 | 92.8 | 92.9 | 93.4 | 93.6 | 93.6 | 93.8 | 93.9 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 |
| ≥ 1800 | 68.0 | 87.0 | 90.6 | 92.4 | 93.5 | 93.6 | 94.1 | 94.3 | 94.3 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 95.0 |
| ≥ 1500 | 68.9 | 88.0 | 91.6 | 93.5 | 94.6 | 94.7 | 95.2 | 95.3 | 95.3 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 1200 | 69.6 | 89.5 | 93.2 | 95.0 | 96.1 | 96.2 | 96.7 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.6 |
| ≥ 1000 | 70.1 | 90.1 | 93.8 | 95.6 | 96.8 | 96.9 | 97.4 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 900 | 70.3 | 90.5 | 94.1 | 96.0 | 97.1 | 97.2 | 97.7 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 |
| ≥ 800 | 70.5 | 90.8 | 94.5 | 96.3 | 97.4 | 97.5 | 98.0 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 700 | 70.6 | 91.1 | 94.8 | 96.7 | 97.8 | 97.9 | 98.4 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 600 | 70.6 | 91.2 | 94.9 | 96.8 | 97.9 | 98.0 | 98.5 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 500 | 70.6 | 91.3 | 95.1 | 96.9 | 98.0 | 98.1 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6 |
| ≥ 400 | 70.7 | 91.4 | 95.1 | 97.0 | 98.1 | 98.2 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 300 | 70.7 | 91.5 | 95.2 | 97.1 | 98.2 | 98.3 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 70.7 | 91.5 | 95.2 | 97.1 | 98.2 | 98.3 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 |
| ≥ 100 | 70.7 | 91.5 | 95.2 | 97.1 | 98.2 | 98.3 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 |
| ≥ 0 | 70.7 | 91.5 | 95.2 | 97.1 | 98.2 | 98.3 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|--------|------|--------|--------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/3 | ≥ 1/4 | ≥ 1/5 | ≥0 |
| NO CEILING | 22.4 | 30.2 | 32.8 | 34.0 | 36.3 | 36.4 | 37.0 | 37.4 | 37.5 | 38.0 | 38.2 | 38.3 | 38.6 | 38.6 | 38.9 | 39.0 |
| ≥ 20000 | 25.5 | 34.0 | 36.8 | 38.1 | 40.7 | 40.8 | 41.7 | 42.1 | 42.2 | 42.8 | 43.0 | 43.1 | 43.4 | 43.5 | 43.7 | 44.0 |
| ≥ 18000 | 25.6 | 34.1 | 36.9 | 38.2 | 40.8 | 40.9 | 41.8 | 42.2 | 42.3 | 42.9 | 43.1 | 43.2 | 43.5 | 43.6 | 43.8 | 44.1 |
| ≥ 16000 | 25.9 | 34.5 | 37.3 | 38.6 | 41.2 | 41.3 | 42.2 | 42.6 | 42.7 | 43.3 | 43.5 | 43.6 | 43.9 | 44.0 | 44.2 | 44.5 |
| ≥ 14000 | 26.5 | 35.2 | 38.1 | 39.5 | 42.0 | 42.1 | 43.1 | 43.5 | 43.6 | 44.3 | 44.5 | 44.5 | 44.8 | 44.9 | 45.1 | 45.4 |
| ≥ 12000 | 27.6 | 36.8 | 39.7 | 41.3 | 43.9 | 44.0 | 44.9 | 45.5 | 45.6 | 46.2 | 46.4 | 46.4 | 46.8 | 46.9 | 47.1 | 47.3 |
| ≥ 10000 | 29.4 | 38.8 | 41.9 | 43.4 | 46.0 | 46.1 | 47.1 | 47.6 | 47.7 | 48.4 | 48.6 | 48.7 | 49.0 | 49.1 | 49.3 | 49.6 |
| ≥ 9000 | 30.3 | 39.8 | 42.9 | 44.5 | 47.1 | 47.2 | 48.2 | 48.8 | 48.9 | 49.5 | 49.8 | 49.8 | 50.1 | 50.2 | 50.4 | 50.7 |
| ≥ 8000 | 32.7 | 42.7 | 45.8 | 47.3 | 50.0 | 50.1 | 51.1 | 51.7 | 51.8 | 52.4 | 52.7 | 52.7 | 53.0 | 53.1 | 53.3 | 53.6 |
| ≥ 7000 | 34.6 | 45.1 | 48.4 | 50.0 | 52.8 | 52.9 | 53.9 | 54.4 | 54.5 | 55.1 | 55.4 | 55.4 | 55.8 | 55.9 | 56.1 | 56.3 |
| ≥ 6000 | 36.4 | 47.2 | 50.6 | 52.3 | 55.0 | 55.1 | 56.1 | 56.6 | 56.7 | 57.4 | 57.6 | 57.7 | 58.0 | 58.1 | 58.3 | 58.5 |
| ≥ 5000 | 39.8 | 51.5 | 55.1 | 56.8 | 59.6 | 59.7 | 60.7 | 61.3 | 61.4 | 62.1 | 62.3 | 62.4 | 62.7 | 62.8 | 63.0 | 63.2 |
| ≥ 4500 | 42.0 | 54.1 | 57.9 | 59.5 | 62.4 | 62.5 | 63.5 | 64.1 | 64.2 | 64.9 | 65.2 | 65.2 | 65.5 | 65.6 | 65.8 | 66.1 |
| ≥ 4000 | 45.0 | 58.0 | 61.9 | 63.6 | 66.5 | 66.7 | 67.7 | 68.3 | 68.4 | 69.1 | 69.3 | 69.4 | 69.7 | 69.8 | 70.0 | 70.2 |
| ≥ 3500 | 48.5 | 62.5 | 66.6 | 68.3 | 71.1 | 71.3 | 72.3 | 72.9 | 73.0 | 73.7 | 74.0 | 74.0 | 74.4 | 74.5 | 74.7 | 74.9 |
| ≥ 3000 | 51.7 | 67.0 | 71.2 | 73.0 | 76.2 | 76.4 | 77.4 | 78.0 | 78.1 | 78.9 | 79.1 | 79.2 | 79.5 | 79.6 | 79.8 | 80.0 |
| ≥ 2500 | 55.2 | 71.5 | 75.9 | 77.8 | 81.1 | 81.3 | 82.3 | 82.9 | 83.0 | 83.8 | 84.1 | 84.1 | 84.5 | 84.6 | 84.8 | 85.0 |
| ≥ 2000 | 58.2 | 75.5 | 80.2 | 82.1 | 85.3 | 85.5 | 86.6 | 87.2 | 87.3 | 88.1 | 88.4 | 88.4 | 88.8 | 88.9 | 89.1 | 89.3 |
| ≥ 1800 | 58.8 | 76.0 | 80.8 | 82.7 | 85.9 | 86.1 | 87.2 | 87.8 | 87.9 | 88.7 | 89.0 | 89.0 | 89.4 | 89.5 | 89.7 | 89.9 |
| ≥ 1500 | 60.3 | 78.0 | 82.9 | 84.8 | 88.2 | 88.4 | 89.5 | 90.1 | 90.2 | 91.0 | 91.3 | 91.3 | 91.7 | 91.8 | 92.0 | 92.2 |
| ≥ 1200 | 61.7 | 79.9 | 84.8 | 86.7 | 90.1 | 90.3 | 91.4 | 92.1 | 92.2 | 92.9 | 93.2 | 93.2 | 93.6 | 93.7 | 93.9 | 94.1 |
| ≥ 1000 | 62.5 | 80.9 | 85.8 | 87.8 | 91.3 | 91.4 | 92.6 | 93.3 | 93.4 | 94.2 | 94.4 | 94.5 | 94.8 | 94.9 | 95.1 | 95.3 |
| ≥ 900 | 62.8 | 81.2 | 86.2 | 88.2 | 91.7 | 91.8 | 93.0 | 93.7 | 93.8 | 94.6 | 94.9 | 94.9 | 95.2 | 95.3 | 95.5 | 95.8 |
| ≥ 800 | 63.0 | 82.0 | 87.0 | 89.0 | 92.5 | 92.7 | 93.9 | 94.6 | 94.7 | 95.5 | 95.8 | 95.9 | 96.2 | 96.3 | 96.5 | 96.8 |
| ≥ 700 | 63.2 | 82.5 | 87.6 | 89.6 | 93.1 | 93.3 | 94.5 | 95.2 | 95.3 | 96.1 | 96.4 | 96.5 | 96.8 | 96.9 | 97.1 | 97.4 |
| ≥ 600 | 63.4 | 82.8 | 88.0 | 90.0 | 93.4 | 93.7 | 94.9 | 95.6 | 95.7 | 96.6 | 96.8 | 96.9 | 97.3 | 97.4 | 97.6 | 97.8 |
| ≥ 500 | 63.5 | 83.0 | 88.3 | 90.3 | 93.8 | 94.1 | 95.2 | 96.0 | 96.1 | 96.9 | 97.2 | 97.3 | 97.6 | 97.7 | 97.9 | 98.2 |
| ≥ 400 | 63.7 | 83.3 | 88.6 | 90.6 | 94.1 | 94.4 | 95.6 | 96.4 | 96.5 | 97.3 | 97.6 | 97.7 | 98.0 | 98.1 | 98.3 | 98.6 |
| ≥ 300 | 63.7 | 83.4 | 88.7 | 90.7 | 94.3 | 94.6 | 95.8 | 96.6 | 96.7 | 97.5 | 97.8 | 97.9 | 98.2 | 98.3 | 98.5 | 98.9 |
| ≥ 200 | 63.7 | 83.4 | 88.7 | 90.7 | 94.3 | 94.6 | 95.8 | 96.7 | 96.8 | 97.6 | 97.9 | 98.0 | 98.4 | 98.5 | 98.9 | 99.3 |
| ≥ 100 | 63.7 | 83.4 | 88.7 | 90.7 | 94.3 | 94.6 | 95.8 | 96.7 | 96.9 | 97.8 | 98.0 | 98.1 | 98.5 | 98.6 | 99.1 | 99.6 |
| ≥ 0 | 63.7 | 83.4 | 88.7 | 90.7 | 94.3 | 94.6 | 95.8 | 96.7 | 96.9 | 97.8 | 98.0 | 98.1 | 98.5 | 98.6 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2960

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCORD AFB WASHINGTON/TACOMA

41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅕ | ≥0 |
| NO CEILING ≥ 20000 | 17.8 | 22.9 | 24.5 | 25.7 | 27.7 | 27.8 | 28.5 | 28.9 | 28.9 | 29.1 | 29.1 | 29.1 | 29.2 | 29.2 | 29.3 | 29.4 |
| ≥ 18000 | 22.2 | 28.7 | 31.0 | 32.5 | 35.0 | 35.2 | 36.1 | 36.6 | 36.7 | 36.9 | 37.0 | 37.0 | 37.1 | 37.1 | 37.2 | 37.5 |
| ≥ 16000 | 22.4 | 28.9 | 31.1 | 32.7 | 35.1 | 35.4 | 36.2 | 36.8 | 36.8 | 37.1 | 37.1 | 37.2 | 37.2 | 37.3 | 37.4 | 37.7 |
| ≥ 14000 | 22.7 | 29.3 | 31.6 | 33.1 | 35.6 | 35.8 | 36.7 | 37.2 | 37.3 | 37.5 | 37.6 | 37.6 | 37.7 | 37.7 | 37.8 | 38.1 |
| ≥ 12000 | 23.5 | 30.2 | 32.5 | 34.1 | 36.6 | 36.8 | 37.7 | 38.2 | 38.3 | 38.6 | 38.6 | 38.6 | 38.7 | 38.7 | 38.9 | 39.1 |
| ≥ 10000 | 24.8 | 31.9 | 34.3 | 35.9 | 38.4 | 38.7 | 39.6 | 40.1 | 40.2 | 40.4 | 40.5 | 40.5 | 40.6 | 40.6 | 40.8 | 41.0 |
| ≥ 9000 | 26.3 | 33.8 | 36.3 | 37.9 | 40.4 | 40.6 | 41.6 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 42.6 | 42.6 | 42.7 | 43.0 |
| ≥ 8000 | 27.6 | 35.0 | 37.5 | 39.2 | 41.7 | 41.9 | 42.8 | 43.4 | 43.5 | 43.7 | 43.8 | 43.8 | 43.9 | 43.9 | 44.0 | 44.3 |
| ≥ 7000 | 29.6 | 37.6 | 40.1 | 41.8 | 44.4 | 44.6 | 45.6 | 46.2 | 46.2 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.8 | 47.0 |
| ≥ 6000 | 32.2 | 40.5 | 43.1 | 44.8 | 47.5 | 47.7 | 48.7 | 49.3 | 49.4 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.9 | 50.2 |
| ≥ 5000 | 33.9 | 42.3 | 45.0 | 46.8 | 49.5 | 49.7 | 50.7 | 51.4 | 51.5 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 52.0 | 52.3 |
| ≥ 4500 | 37.8 | 46.6 | 49.3 | 51.2 | 54.0 | 54.2 | 55.3 | 56.0 | 56.0 | 56.3 | 56.3 | 56.4 | 56.4 | 56.5 | 56.6 | 56.9 |
| ≥ 4000 | 39.9 | 48.9 | 51.6 | 53.5 | 56.3 | 56.6 | 57.7 | 58.4 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.3 |
| ≥ 3500 | 42.8 | 52.8 | 55.6 | 57.7 | 60.6 | 60.8 | 61.9 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.3 | 63.5 |
| ≥ 3000 | 45.8 | 56.5 | 59.5 | 61.7 | 64.7 | 65.0 | 66.1 | 66.3 | 66.9 | 67.1 | 67.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.7 |
| ≥ 2500 | 49.4 | 61.4 | 64.8 | 67.1 | 70.1 | 70.4 | 71.6 | 72.3 | 72.4 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 73.0 | 73.2 |
| ≥ 2000 | 53.5 | 66.9 | 70.4 | 72.7 | 75.9 | 76.2 | 77.4 | 78.2 | 78.2 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 79.1 |
| ≥ 1800 | 57.3 | 71.7 | 75.4 | 77.7 | 81.1 | 81.5 | 82.7 | 83.4 | 83.5 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.4 |
| ≥ 1500 | 58.2 | 72.9 | 76.7 | 79.1 | 82.4 | 82.8 | 84.0 | 84.7 | 84.8 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.5 | 85.7 |
| ≥ 1200 | 60.6 | 76.0 | 79.9 | 82.5 | 85.9 | 86.3 | 87.5 | 88.3 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.9 | 89.0 | 89.3 |
| ≥ 1000 | 62.2 | 78.0 | 82.2 | 84.9 | 88.5 | 88.8 | 90.1 | 90.8 | 90.9 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.8 |
| ≥ 900 | 63.3 | 79.5 | 83.8 | 86.6 | 90.2 | 90.5 | 91.7 | 92.6 | 92.7 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.7 |
| ≥ 800 | 63.6 | 80.0 | 84.3 | 87.0 | 90.8 | 91.2 | 92.4 | 93.4 | 93.5 | 93.9 | 93.9 | 94.0 | 94.0 | 94.1 | 94.2 | 94.5 |
| ≥ 700 | 63.9 | 80.7 | 85.0 | 87.8 | 91.6 | 92.1 | 93.3 | 94.3 | 94.4 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.4 | 95.6 |
| ≥ 600 | 64.2 | 81.0 | 85.3 | 88.4 | 92.2 | 92.7 | 94.0 | 95.0 | 95.1 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 96.1 | 96.3 |
| ≥ 500 | 64.3 | 81.2 | 85.7 | 88.7 | 92.6 | 93.1 | 94.6 | 95.6 | 95.8 | 96.3 | 96.5 | 96.6 | 96.6 | 96.7 | 96.8 | 97.1 |
| ≥ 400 | 64.3 | 81.3 | 85.9 | 88.9 | 92.8 | 93.4 | 95.0 | 95.9 | 96.1 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.6 |
| ≥ 300 | 64.3 | 81.4 | 86.0 | 89.1 | 93.0 | 93.7 | 95.3 | 96.4 | 96.6 | 97.4 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 | 98.2 |
| ≥ 200 | 64.3 | 81.4 | 86.1 | 89.2 | 93.1 | 93.8 | 95.6 | 96.7 | 96.9 | 97.7 | 98.0 | 98.0 | 98.1 | 98.3 | 98.4 | 98.8 |
| ≥ 100 | 64.3 | 81.4 | 86.1 | 89.2 | 93.2 | 93.8 | 95.6 | 96.8 | 97.0 | 97.8 | 98.1 | 98.2 | 98.3 | 98.4 | 98.7 | 99.2 |
| ≥ 0 | 64.4 | 81.4 | 86.1 | 89.2 | 93.2 | 93.9 | 95.7 | 96.8 | 97.0 | 97.9 | 98.2 | 98.2 | 98.5 | 98.7 | 99.1 | 99.7 |
| 0 | 64.4 | 81.4 | 86.1 | 89.2 | 93.2 | 93.9 | 95.7 | 96.8 | 97.0 | 97.9 | 98.2 | 98.2 | 98.5 | 98.7 | 99.1 | 100.0 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS 11-51

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 20.9 | 24.9 | 25.9 | 26.8 | 27.5 | 27.6 | 27.7 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 |
| ≥ 20000 | 25.5 | 30.8 | 32.1 | 33.6 | 34.6 | 34.7 | 34.8 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 |
| ≥ 18000 | 25.7 | 31.1 | 32.4 | 33.8 | 34.9 | 34.9 | 35.1 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 |
| ≥ 16000 | 25.9 | 31.3 | 32.7 | 34.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| ≥ 14000 | 27.1 | 32.6 | 34.0 | 35.5 | 36.6 | 36.6 | 36.8 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| ≥ 12000 | 28.1 | 33.8 | 35.2 | 36.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 |
| ≥ 10000 | 29.2 | 34.9 | 36.4 | 38.0 | 39.0 | 39.1 | 39.3 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 |
| ≥ 9000 | 29.8 | 35.6 | 37.0 | 38.6 | 39.7 | 39.8 | 40.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 |
| ≥ 8000 | 31.5 | 37.6 | 39.0 | 40.6 | 41.8 | 41.9 | 42.1 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 7000 | 32.6 | 38.8 | 40.3 | 42.0 | 43.2 | 43.3 | 43.5 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 |
| ≥ 6000 | 33.6 | 40.0 | 41.5 | 43.2 | 44.5 | 44.6 | 44.8 | 45.0 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| ≥ 5000 | 36.0 | 42.3 | 44.0 | 45.8 | 47.1 | 47.2 | 47.5 | 47.6 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 4500 | 37.6 | 44.2 | 45.8 | 47.6 | 48.9 | 49.0 | 49.2 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 4000 | 41.3 | 48.5 | 50.2 | 52.0 | 53.4 | 53.5 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 3500 | 46.2 | 54.3 | 56.1 | 58.0 | 59.4 | 59.5 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 3000 | 53.1 | 62.1 | 64.0 | 66.1 | 67.6 | 67.7 | 67.9 | 68.1 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 2500 | 61.9 | 72.1 | 74.3 | 76.5 | 78.0 | 78.2 | 78.5 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 2000 | 69.4 | 80.9 | 83.2 | 85.5 | 87.0 | 87.2 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1800 | 70.7 | 82.4 | 84.7 | 87.0 | 88.6 | 88.8 | 89.1 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1500 | 73.1 | 85.3 | 87.9 | 90.3 | 92.0 | 92.2 | 92.6 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1200 | 74.7 | 87.5 | 90.2 | 92.7 | 94.5 | 94.7 | 95.2 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1000 | 75.0 | 88.2 | 91.0 | 93.6 | 95.6 | 95.8 | 96.3 | 96.5 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 75.4 | 88.8 | 91.7 | 94.4 | 96.5 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 75.5 | 89.1 | 92.0 | 94.9 | 97.0 | 97.4 | 98.0 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 75.5 | 89.2 | 92.2 | 95.1 | 97.3 | 97.7 | 98.4 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 75.5 | 89.3 | 92.3 | 95.4 | 97.6 | 98.1 | 98.8 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 75.5 | 89.3 | 92.6 | 95.5 | 97.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 75.5 | 89.3 | 92.6 | 95.5 | 97.7 | 98.3 | 99.1 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 75.5 | 89.3 | 92.7 | 95.6 | 97.8 | 98.4 | 99.2 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 75.5 | 89.3 | 92.7 | 95.6 | 97.8 | 98.4 | 99.2 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 75.5 | 89.3 | 92.7 | 95.6 | 97.8 | 98.4 | 99.2 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 75.5 | 89.3 | 92.7 | 95.6 | 97.8 | 98.4 | 99.2 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2953

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS EST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 29.1 | 31.5 | 31.8 | 31.9 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 20000 | 36.6 | 39.7 | 40.2 | 40.4 | 40.4 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| ≥ 18000 | 37.0 | 40.2 | 40.6 | 40.8 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| ≥ 16000 | 37.5 | 40.7 | 41.2 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 14000 | 38.8 | 42.1 | 42.5 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| ≥ 12000 | 40.1 | 43.5 | 43.9 | 44.2 | 44.2 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| ≥ 10000 | 42.1 | 45.7 | 46.1 | 46.4 | 46.4 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 9000 | 42.9 | 46.4 | 46.9 | 47.3 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 8000 | 44.5 | 48.1 | 48.9 | 49.3 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 7000 | 46.2 | 50.4 | 50.9 | 51.2 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 6000 | 47.3 | 51.6 | 52.1 | 52.5 | 52.6 | 52.6 | 52.6 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 5000 | 50.7 | 55.1 | 55.6 | 56.2 | 56.3 | 56.3 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 4500 | 53.2 | 57.8 | 58.3 | 58.9 | 59.0 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 4000 | 58.5 | 63.5 | 64.1 | 64.7 | 64.8 | 64.8 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 3500 | 64.6 | 70.2 | 70.8 | 71.5 | 71.6 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 3000 | 71.5 | 78.1 | 78.8 | 79.6 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 2500 | 78.7 | 86.7 | 87.5 | 88.3 | 88.6 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 2000 | 83.4 | 92.1 | 93.1 | 94.1 | 94.5 | 94.5 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1800 | 83.8 | 92.8 | 94.0 | 94.9 | 95.4 | 95.4 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1600 | 84.5 | 93.8 | 95.1 | 96.2 | 96.8 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1400 | 85.0 | 94.8 | 96.4 | 97.5 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 85.1 | 95.2 | 96.8 | 98.0 | 98.7 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 85.1 | 95.2 | 96.8 | 98.0 | 98.7 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 85.1 | 95.3 | 96.9 | 98.1 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 85.1 | 95.3 | 97.0 | 98.2 | 98.9 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 85.1 | 95.4 | 97.1 | 98.3 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 85.1 | 95.4 | 97.2 | 98.5 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 85.1 | 95.4 | 97.2 | 98.5 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 85.1 | 95.4 | 97.3 | 98.5 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 85.1 | 95.4 | 97.3 | 98.5 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 85.1 | 95.4 | 97.3 | 98.5 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.1 | 95.4 | 97.3 | 98.5 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 85.1 | 95.4 | 97.3 | 98.5 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2965

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACDMA

41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥0.8 | ≥0.6 | ≥0.5 | ≥0.4 | ≥0.3 | ≥0 |
| NO CEILING ≥ 20000 | 34.4 | 36.2 | 36.2 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 |
| IV 18000 | 42.6 | 44.7 | 44.7 | 44.8 | 44.9 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| IV 16000 | 42.8 | 45.0 | 45.0 | 45.1 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| IV 14000 | 43.6 | 45.8 | 45.8 | 45.9 | 46.0 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| IV 12000 | 44.7 | 47.0 | 47.0 | 47.1 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| IV 10000 | 47.1 | 49.6 | 49.6 | 49.7 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| IV 8000 | 49.5 | 52.1 | 52.2 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| IV 7000 | 50.7 | 53.3 | 53.4 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| IV 6000 | 53.0 | 55.8 | 55.9 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| IV 5000 | 55.7 | 58.9 | 59.1 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| IV 4500 | 57.1 | 60.6 | 60.9 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 4000 | 61.5 | 65.1 | 65.5 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| IV 3500 | 64.1 | 68.0 | 68.3 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 3000 | 69.0 | 73.9 | 73.9 | 74.3 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 2500 | 74.2 | 79.3 | 79.7 | 80.2 | 80.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 2000 | 79.9 | 85.9 | 86.7 | 87.3 | 87.6 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 1800 | 84.4 | 91.3 | 92.3 | 93.1 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1500 | 86.7 | 94.4 | 95.4 | 96.3 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1200 | 86.9 | 94.7 | 95.8 | 96.6 | 97.3 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1000 | 87.1 | 95.3 | 96.5 | 97.3 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 900 | 87.3 | 95.7 | 97.0 | 98.0 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 800 | 87.4 | 96.0 | 97.3 | 98.3 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 87.4 | 96.1 | 97.4 | 98.4 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 600 | 87.5 | 96.1 | 97.5 | 98.6 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 87.5 | 96.2 | 97.6 | 98.7 | 99.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2963

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 |
| NO CEILING | 37.0 | 40.0 | 40.5 | 40.7 | 41.0 | 41.0 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.2 |
| ≥ 20000 | 44.2 | 47.8 | 48.3 | 48.7 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| IV 18000 | 44.6 | 48.1 | 48.6 | 49.1 | 49.4 | 49.5 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IV 16000 | 44.9 | 48.5 | 49.0 | 49.4 | 49.8 | 49.8 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| IV 14000 | 46.2 | 50.1 | 50.6 | 51.0 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 |
| IV 12000 | 47.9 | 52.1 | 52.7 | 53.2 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| IV 10000 | 50.5 | 54.8 | 55.5 | 56.0 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 |
| IV 9000 | 51.9 | 56.3 | 56.9 | 57.4 | 57.9 | 57.9 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| IV 8000 | 54.7 | 59.4 | 60.0 | 60.6 | 61.0 | 61.0 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 |
| IV 7000 | 58.0 | 63.2 | 63.8 | 64.4 | 64.8 | 64.8 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 |
| IV 6000 | 60.2 | 65.7 | 66.4 | 67.0 | 67.5 | 67.5 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 |
| IV 5000 | 65.7 | 71.4 | 72.2 | 72.8 | 73.4 | 73.4 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 |
| IV 4500 | 67.8 | 73.9 | 74.7 | 75.3 | 76.0 | 76.0 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IV 4000 | 71.9 | 78.5 | 79.3 | 80.1 | 80.9 | 81.0 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 |
| IV 3500 | 76.2 | 83.4 | 84.4 | 85.3 | 86.2 | 86.2 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 3000 | 79.6 | 87.6 | 88.8 | 89.8 | 90.7 | 90.8 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| IV 2500 | 82.3 | 90.7 | 92.2 | 93.2 | 94.3 | 94.4 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 |
| IV 2000 | 83.5 | 92.5 | 94.1 | 95.2 | 96.4 | 96.4 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1800 | 83.8 | 92.8 | 94.4 | 95.6 | 96.7 | 96.8 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1500 | 84.0 | 93.7 | 95.3 | 96.5 | 97.6 | 97.7 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1200 | 84.3 | 94.1 | 95.7 | 97.0 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| IV 1000 | 84.4 | 94.4 | 96.1 | 97.7 | 98.8 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| IV 900 | 84.4 | 94.5 | 96.2 | 97.8 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 800 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 700 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 600 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 500 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 400 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 84.4 | 94.6 | 96.3 | 97.9 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/32 | ≥1/64 | ≥0 |
| NO CEILING | 40.6 | 47.1 | 48.2 | 49.0 | 49.5 | 49.5 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | 44.2 | 51.5 | 52.9 | 53.8 | 54.3 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 18000 | 44.3 | 51.7 | 53.1 | 54.0 | 54.5 | 54.6 | 54.8 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| IV 16000 | 44.5 | 52.0 | 53.5 | 54.4 | 54.9 | 55.0 | 55.2 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 14000 | 45.4 | 53.2 | 54.6 | 55.5 | 56.1 | 56.1 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 12000 | 46.7 | 55.0 | 56.6 | 57.6 | 58.2 | 58.3 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| IV 10000 | 49.0 | 57.5 | 59.2 | 60.1 | 60.8 | 60.9 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| IV 9000 | 49.9 | 58.5 | 60.2 | 61.1 | 61.8 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| IV 8000 | 52.9 | 61.8 | 63.7 | 64.7 | 65.3 | 65.4 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 7000 | 55.0 | 64.6 | 66.5 | 67.4 | 68.1 | 68.1 | 68.4 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 6000 | 57.2 | 67.2 | 69.2 | 70.2 | 70.9 | 70.9 | 71.2 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 |
| IV 5000 | 62.5 | 73.4 | 75.5 | 76.5 | 77.2 | 77.3 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 |
| IV 4500 | 64.2 | 75.3 | 77.7 | 78.7 | 79.4 | 79.5 | 79.8 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 4000 | 66.9 | 78.8 | 81.1 | 82.3 | 83.0 | 83.1 | 83.4 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 3500 | 70.3 | 82.9 | 85.3 | 86.5 | 87.2 | 87.3 | 87.6 | 87.9 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 3000 | 72.7 | 85.8 | 88.3 | 89.6 | 90.3 | 90.4 | 90.7 | 90.9 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 |
| IV 2500 | 74.6 | 88.4 | 90.9 | 92.3 | 93.1 | 93.1 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 2000 | 76.6 | 91.0 | 93.5 | 95.1 | 95.8 | 95.9 | 96.3 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 |
| IV 1800 | 77.0 | 91.6 | 94.1 | 95.7 | 96.5 | 96.6 | 96.9 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1500 | 77.3 | 92.3 | 95.0 | 96.7 | 97.5 | 97.5 | 97.9 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1200 | 77.6 | 93.0 | 95.6 | 97.4 | 98.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| IV 1000 | 77.9 | 93.3 | 96.0 | 97.7 | 98.5 | 98.6 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 900 | 77.9 | 93.5 | 96.2 | 97.9 | 98.7 | 98.8 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800 | 77.9 | 93.5 | 96.2 | 98.0 | 98.8 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 700 | 77.9 | 93.5 | 96.2 | 98.0 | 98.8 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 77.9 | 93.5 | 96.2 | 98.0 | 98.8 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 77.9 | 93.6 | 96.3 | 98.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2963

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING ≥ 20000 | 33.5 | 42.2 | 44.2 | 45.4 | 46.4 | 46.5 | 46.8 | 47.0 | 47.0 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 18000 | 35.9 | 45.0 | 47.2 | 48.5 | 49.4 | 49.5 | 49.8 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.4 |
| ≥ 16000 | 36.0 | 45.1 | 47.2 | 48.5 | 49.5 | 49.6 | 49.9 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 14000 | 36.2 | 45.3 | 47.5 | 48.8 | 49.7 | 49.8 | 50.1 | 50.3 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.7 |
| ≥ 12000 | 36.8 | 45.1 | 48.2 | 49.6 | 50.5 | 50.6 | 50.9 | 51.1 | 51.2 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 |
| ≥ 10000 | 37.8 | 47.3 | 49.7 | 51.0 | 52.0 | 52.1 | 52.4 | 52.6 | 52.7 | 52.8 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 53.0 |
| ≥ 9000 | 39.8 | 50.0 | 52.3 | 53.6 | 54.5 | 54.6 | 54.9 | 55.1 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 |
| ≥ 8000 | 40.6 | 51.0 | 53.3 | 54.6 | 55.6 | 55.7 | 56.0 | 56.2 | 56.3 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 |
| ≥ 7000 | 42.6 | 53.5 | 55.0 | 57.2 | 58.2 | 58.3 | 58.6 | 58.8 | 58.9 | 59.0 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 6000 | 44.6 | 56.0 | 58.4 | 59.8 | 60.7 | 60.9 | 61.2 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 |
| ≥ 5000 | 47.2 | 59.0 | 61.4 | 62.8 | 63.7 | 63.9 | 64.1 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.8 |
| ≥ 4500 | 50.9 | 63.5 | 66.1 | 67.4 | 68.4 | 68.6 | 68.9 | 69.1 | 69.1 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 |
| ≥ 4000 | 52.8 | 65.6 | 68.3 | 69.7 | 70.6 | 70.8 | 71.1 | 71.3 | 71.3 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 |
| ≥ 3500 | 56.4 | 69.9 | 72.7 | 74.0 | 75.1 | 75.2 | 75.5 | 75.7 | 75.8 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 |
| ≥ 3000 | 59.7 | 73.7 | 76.6 | 78.0 | 79.1 | 79.3 | 79.6 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.3 | 80.3 |
| ≥ 2500 | 61.7 | 76.8 | 79.7 | 81.1 | 82.4 | 82.5 | 82.9 | 83.1 | 83.1 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 64.1 | 80.2 | 83.1 | 84.6 | 85.9 | 86.1 | 86.5 | 86.7 | 86.7 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.2 |
| ≥ 1800 | 67.4 | 84.1 | 87.3 | 88.9 | 90.3 | 90.4 | 90.9 | 91.1 | 91.1 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1500 | 68.7 | 85.5 | 88.7 | 90.3 | 91.6 | 91.8 | 92.2 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| ≥ 1200 | 70.1 | 87.4 | 90.7 | 92.3 | 93.6 | 93.8 | 94.3 | 94.5 | 94.5 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 71.4 | 89.3 | 92.6 | 94.2 | 95.6 | 95.8 | 96.3 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 900 | 71.9 | 90.0 | 93.3 | 95.1 | 96.5 | 96.7 | 97.3 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 72.1 | 90.4 | 93.8 | 95.6 | 97.0 | 97.2 | 97.8 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 72.3 | 90.8 | 94.2 | 96.0 | 97.5 | 97.7 | 98.3 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 72.4 | 90.9 | 94.3 | 96.2 | 97.7 | 97.9 | 98.5 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 500 | 72.4 | 91.0 | 94.4 | 96.3 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 400 | 72.4 | 91.0 | 94.5 | 96.4 | 98.0 | 98.2 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 300 | 72.4 | 91.1 | 94.5 | 96.4 | 98.1 | 98.3 | 98.7 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 72.4 | 91.1 | 94.5 | 96.4 | 98.2 | 98.4 | 99.1 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 72.4 | 91.1 | 94.5 | 96.4 | 98.2 | 98.4 | 99.1 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 72.4 | 91.1 | 94.5 | 96.4 | 98.2 | 98.4 | 99.1 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2811

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING ≥ 20000 | 18.5 | 24.2 | 26.2 | 27.9 | 29.9 | 30.1 | 31.3 | 31.9 | 32.0 | 32.3 | 32.4 | 32.4 | 32.9 | 32.9 | 33.0 | 33.2 |
| ≥ 18000 | 21.5 | 27.7 | 29.8 | 31.6 | 33.7 | 33.9 | 35.2 | 35.8 | 35.9 | 36.2 | 36.4 | 36.5 | 37.0 | 37.0 | 37.1 | 37.3 |
| ≥ 16000 | 21.5 | 27.7 | 29.9 | 31.7 | 33.7 | 34.0 | 35.3 | 35.9 | 36.0 | 36.3 | 36.5 | 36.5 | 37.0 | 37.0 | 37.2 | 37.3 |
| ≥ 14000 | 21.7 | 28.0 | 30.2 | 32.0 | 34.1 | 34.4 | 35.6 | 36.2 | 36.3 | 36.7 | 36.8 | 36.9 | 37.4 | 37.4 | 37.5 | 37.7 |
| ≥ 12000 | 22.6 | 29.2 | 31.4 | 33.3 | 35.3 | 35.6 | 36.9 | 37.5 | 37.6 | 37.9 | 38.1 | 38.2 | 38.7 | 38.7 | 38.8 | 39.0 |
| ≥ 10000 | 23.9 | 30.7 | 32.9 | 34.9 | 37.0 | 37.3 | 38.7 | 39.3 | 39.4 | 39.8 | 40.0 | 40.0 | 40.5 | 40.5 | 40.7 | 40.8 |
| ≥ 9000 | 25.3 | 32.4 | 34.7 | 36.8 | 38.9 | 39.2 | 40.5 | 41.3 | 41.4 | 41.7 | 41.9 | 42.0 | 42.5 | 42.5 | 42.6 | 42.8 |
| ≥ 8000 | 26.2 | 33.6 | 36.0 | 38.0 | 40.2 | 40.4 | 41.8 | 42.5 | 42.7 | 43.1 | 43.3 | 43.3 | 43.9 | 43.9 | 44.0 | 44.2 |
| ≥ 7000 | 27.8 | 35.5 | 37.9 | 40.0 | 42.2 | 42.4 | 43.9 | 44.6 | 44.7 | 45.1 | 45.3 | 45.4 | 45.9 | 45.9 | 46.0 | 46.2 |
| ≥ 6000 | 29.7 | 38.0 | 40.4 | 42.6 | 44.7 | 45.1 | 46.5 | 47.3 | 47.4 | 47.8 | 48.0 | 48.0 | 48.6 | 48.6 | 48.7 | 48.9 |
| ≥ 5000 | 32.4 | 41.0 | 43.6 | 45.8 | 48.0 | 48.3 | 49.8 | 50.6 | 50.7 | 51.1 | 51.3 | 51.3 | 51.8 | 51.8 | 52.0 | 52.2 |
| ≥ 4500 | 36.9 | 46.1 | 48.8 | 51.2 | 53.5 | 53.9 | 55.3 | 56.1 | 56.2 | 56.6 | 56.8 | 56.9 | 57.4 | 57.4 | 57.5 | 57.7 |
| ≥ 4000 | 39.2 | 48.8 | 51.7 | 54.0 | 56.4 | 56.7 | 58.2 | 59.0 | 59.1 | 59.5 | 59.7 | 59.7 | 60.3 | 60.3 | 60.4 | 60.6 |
| ≥ 3500 | 42.8 | 53.1 | 56.0 | 58.3 | 60.8 | 61.2 | 62.6 | 63.4 | 63.5 | 63.9 | 64.2 | 64.2 | 64.8 | 64.8 | 64.9 | 65.1 |
| ≥ 3000 | 45.7 | 56.7 | 59.7 | 62.1 | 64.6 | 65.0 | 66.5 | 67.3 | 67.5 | 67.9 | 68.1 | 68.1 | 68.7 | 68.7 | 68.9 | 69.1 |
| ≥ 2500 | 49.5 | 61.5 | 64.6 | 67.1 | 69.6 | 70.0 | 71.6 | 72.4 | 72.6 | 73.1 | 73.3 | 73.3 | 73.9 | 73.9 | 74.0 | 74.3 |
| ≥ 2000 | 53.5 | 66.9 | 70.0 | 72.6 | 75.1 | 75.5 | 77.1 | 78.0 | 78.2 | 78.6 | 78.8 | 78.9 | 79.5 | 79.5 | 79.7 | 79.9 |
| ≥ 1800 | 57.0 | 71.8 | 75.1 | 77.8 | 80.3 | 80.8 | 82.4 | 83.3 | 83.5 | 84.0 | 84.2 | 84.3 | 84.9 | 84.9 | 85.2 | 85.4 |
| ≥ 1600 | 58.2 | 73.2 | 76.5 | 79.2 | 81.8 | 82.2 | 83.9 | 84.8 | 85.0 | 85.4 | 85.7 | 85.7 | 86.4 | 86.4 | 86.6 | 86.8 |
| ≥ 1400 | 59.6 | 75.1 | 78.5 | 81.3 | 84.0 | 84.4 | 86.2 | 87.1 | 87.3 | 87.8 | 88.0 | 88.0 | 88.7 | 88.7 | 88.9 | 89.1 |
| ≥ 1200 | 60.9 | 77.4 | 81.0 | 83.8 | 86.5 | 87.0 | 88.8 | 89.8 | 90.0 | 90.5 | 90.7 | 90.8 | 91.4 | 91.4 | 91.7 | 91.9 |
| ≥ 1000 | 61.7 | 78.5 | 82.1 | 85.0 | 87.8 | 88.3 | 90.1 | 91.1 | 91.3 | 91.8 | 92.1 | 92.1 | 92.8 | 92.8 | 93.0 | 93.2 |
| ≥ 900 | 62.3 | 79.2 | 83.0 | 85.9 | 88.8 | 89.3 | 91.1 | 92.1 | 92.3 | 92.9 | 93.1 | 93.2 | 93.8 | 93.8 | 94.1 | 94.3 |
| ≥ 800 | 62.8 | 80.3 | 84.1 | 87.1 | 90.0 | 90.5 | 92.3 | 93.3 | 93.6 | 94.1 | 94.4 | 94.4 | 95.1 | 95.1 | 95.3 | 95.6 |
| ≥ 700 | 63.1 | 81.0 | 84.8 | 87.8 | 90.8 | 91.4 | 93.3 | 94.3 | 94.6 | 95.1 | 95.4 | 95.5 | 96.1 | 96.1 | 96.4 | 96.6 |
| ≥ 600 | 63.4 | 81.4 | 85.2 | 88.3 | 91.3 | 92.0 | 93.9 | 95.0 | 95.2 | 95.9 | 96.3 | 96.3 | 96.9 | 96.9 | 97.2 | 97.4 |
| ≥ 500 | 63.5 | 81.6 | 85.6 | 88.6 | 91.7 | 92.4 | 94.3 | 95.5 | 95.7 | 96.5 | 96.8 | 96.9 | 97.5 | 97.5 | 97.8 | 98.0 |
| ≥ 400 | 63.6 | 81.7 | 85.7 | 88.8 | 92.0 | 92.7 | 94.7 | 95.9 | 96.1 | 96.9 | 97.3 | 97.3 | 98.0 | 98.0 | 98.3 | 98.5 |
| ≥ 300 | 63.6 | 81.7 | 85.7 | 88.8 | 92.1 | 92.8 | 94.8 | 96.0 | 96.3 | 97.1 | 97.6 | 97.6 | 98.3 | 98.3 | 98.6 | 98.9 |
| ≥ 200 | 63.6 | 81.7 | 85.7 | 88.8 | 92.1 | 92.9 | 94.9 | 96.3 | 96.5 | 97.5 | 98.0 | 98.0 | 98.8 | 98.8 | 99.1 | 99.3 |
| ≥ 100 | 63.6 | 81.7 | 85.7 | 88.8 | 92.1 | 92.9 | 94.9 | 96.3 | 96.5 | 97.5 | 98.0 | 98.1 | 98.8 | 98.8 | 99.2 | 99.6 |
| ≥ 0 | 63.6 | 81.7 | 85.7 | 88.8 | 92.1 | 92.9 | 94.9 | 96.3 | 96.5 | 97.5 | 98.0 | 98.1 | 98.8 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2809

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING ≥ 20000 | 15.8 | 20.9 | 22.4 | 23.5 | 24.9 | 25.2 | 25.7 | 26.1 | 26.2 | 26.6 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 |
| ≥ 18000 | 18.8 | 25.1 | 26.6 | 27.9 | 29.6 | 30.0 | 30.6 | 31.1 | 31.2 | 31.8 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.1 |
| IV 16000 | 18.9 | 25.2 | 26.8 | 28.1 | 29.8 | 30.2 | 30.8 | 31.3 | 31.4 | 32.0 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.3 |
| IV 14000 | 19.2 | 25.5 | 27.1 | 28.4 | 30.1 | 30.4 | 31.1 | 31.6 | 31.7 | 32.3 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 | 32.6 |
| IV 12000 | 20.2 | 26.6 | 28.2 | 29.6 | 31.3 | 31.6 | 32.3 | 32.8 | 32.9 | 33.5 | 33.7 | 33.7 | 33.8 | 33.8 | 33.8 | 33.8 |
| IV 10000 | 21.2 | 27.9 | 29.8 | 31.2 | 33.0 | 33.3 | 34.0 | 34.5 | 34.6 | 35.3 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| IV 9000 | 22.8 | 29.7 | 31.7 | 33.3 | 35.0 | 35.4 | 36.0 | 36.6 | 36.7 | 37.3 | 37.5 | 37.5 | 37.6 | 37.6 | 37.6 | 37.6 |
| IV 8000 | 23.9 | 31.0 | 33.0 | 34.7 | 36.4 | 36.8 | 37.4 | 38.0 | 38.1 | 38.8 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.1 |
| IV 7000 | 25.7 | 33.0 | 35.1 | 36.8 | 38.6 | 38.9 | 39.6 | 40.2 | 40.3 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.3 |
| IV 6000 | 28.3 | 35.9 | 38.0 | 39.7 | 41.5 | 41.8 | 42.7 | 43.3 | 43.4 | 44.1 | 44.3 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 |
| IV 5000 | 29.8 | 37.6 | 39.9 | 41.7 | 43.5 | 43.8 | 44.7 | 45.3 | 45.4 | 46.1 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.5 |
| IV 4500 | 33.7 | 42.1 | 44.3 | 46.3 | 48.0 | 48.4 | 49.2 | 49.9 | 49.9 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| IV 4000 | 35.7 | 44.4 | 46.6 | 48.6 | 50.4 | 50.7 | 51.6 | 52.2 | 52.3 | 53.1 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 |
| IV 3500 | 39.2 | 48.5 | 50.9 | 53.0 | 54.8 | 55.1 | 56.0 | 56.7 | 56.7 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 3000 | 41.9 | 51.6 | 54.0 | 56.1 | 57.9 | 58.3 | 59.2 | 59.9 | 59.9 | 60.7 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| IV 2500 | 45.4 | 56.4 | 58.9 | 61.1 | 63.0 | 63.4 | 64.3 | 65.1 | 65.2 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 |
| IV 2000 | 50.1 | 62.2 | 64.8 | 67.1 | 69.1 | 69.4 | 70.4 | 71.2 | 71.3 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 1800 | 55.3 | 68.9 | 71.6 | 74.1 | 76.2 | 76.5 | 77.6 | 78.3 | 78.5 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| IV 1500 | 56.6 | 70.4 | 73.2 | 75.7 | 77.8 | 78.1 | 79.2 | 80.0 | 80.1 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 1200 | 58.7 | 73.5 | 76.5 | 79.1 | 81.3 | 81.7 | 82.9 | 83.7 | 83.8 | 84.7 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 1000 | 61.1 | 77.0 | 80.2 | 82.9 | 85.2 | 85.7 | 87.0 | 87.9 | 88.0 | 88.9 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 900 | 62.3 | 78.8 | 82.1 | 84.9 | 87.3 | 87.8 | 89.2 | 90.1 | 90.2 | 91.2 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 800 | 63.0 | 79.9 | 83.2 | 86.0 | 88.5 | 89.0 | 90.6 | 91.5 | 91.6 | 92.6 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 700 | 63.5 | 80.9 | 84.3 | 87.3 | 89.9 | 90.5 | 92.1 | 93.1 | 93.2 | 94.2 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 |
| IV 600 | 63.8 | 81.3 | 84.7 | 87.8 | 90.5 | 91.1 | 92.8 | 93.8 | 93.9 | 94.9 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 500 | 64.0 | 81.6 | 85.1 | 88.2 | 91.0 | 91.8 | 93.5 | 94.5 | 94.6 | 95.7 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 |
| IV 400 | 64.1 | 81.9 | 85.5 | 88.8 | 91.6 | 92.5 | 94.3 | 95.4 | 95.5 | 96.7 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 |
| IV 300 | 64.1 | 81.9 | 85.6 | 89.0 | 91.9 | 92.8 | 94.8 | 96.0 | 96.1 | 97.4 | 97.8 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 |
| IV 200 | 64.1 | 82.0 | 85.7 | 89.1 | 92.1 | 93.1 | 95.0 | 96.3 | 96.5 | 97.9 | 98.3 | 98.3 | 98.5 | 98.6 | 98.7 | 98.8 |
| IV 100 | 64.1 | 82.0 | 85.7 | 89.1 | 92.1 | 93.1 | 95.2 | 96.5 | 96.7 | 98.1 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.2 |
| IV 0 | 64.1 | 82.0 | 85.7 | 89.1 | 92.1 | 93.1 | 95.2 | 96.5 | 96.7 | 98.2 | 98.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.6 |
| | 64.1 | 82.0 | 85.7 | 89.1 | 92.1 | 93.1 | 95.2 | 96.5 | 96.7 | 98.2 | 98.7 | 98.7 | 99.0 | 99.1 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2808

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1 | ≥0 |
| NO CEILING | 18.1 | 23.3 | 24.5 | 25.3 | 26.2 | 26.2 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 |
| ≥ 20000 | 21.3 | 27.3 | 28.0 | 29.8 | 30.9 | 31.0 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| ≥ 18000 | 21.4 | 27.4 | 28.8 | 29.9 | 31.0 | 31.1 | 31.4 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 |
| ≥ 16000 | 21.5 | 27.7 | 29.1 | 30.1 | 31.2 | 31.3 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| ≥ 14000 | 22.4 | 28.6 | 30.2 | 31.2 | 32.4 | 32.5 | 32.8 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 |
| ≥ 12000 | 23.6 | 30.1 | 31.6 | 32.8 | 34.0 | 34.1 | 34.4 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 |
| ≥ 10000 | 24.6 | 31.2 | 32.8 | 34.1 | 35.3 | 35.3 | 35.7 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 9000 | 25.3 | 32.1 | 33.6 | 34.9 | 36.1 | 36.2 | 36.5 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 8000 | 26.4 | 33.1 | 35.0 | 36.3 | 37.6 | 37.7 | 38.0 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| ≥ 7000 | 27.8 | 34.6 | 36.5 | 37.9 | 39.1 | 39.2 | 39.6 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| ≥ 6000 | 28.9 | 35.9 | 37.9 | 39.3 | 40.6 | 40.7 | 41.1 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| ≥ 5000 | 30.8 | 38.0 | 40.0 | 41.4 | 42.8 | 42.8 | 43.3 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| ≥ 4500 | 32.3 | 39.6 | 41.7 | 43.1 | 44.5 | 44.6 | 45.1 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 4000 | 35.8 | 43.5 | 45.6 | 47.0 | 48.5 | 48.5 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 3500 | 40.1 | 48.0 | 50.1 | 51.6 | 53.0 | 53.1 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 3000 | 46.9 | 55.4 | 57.5 | 59.1 | 60.7 | 60.7 | 61.2 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 2500 | 55.4 | 65.4 | 67.8 | 69.5 | 71.0 | 71.1 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 2000 | 64.5 | 75.9 | 78.4 | 80.3 | 81.8 | 81.9 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1800 | 66.4 | 78.6 | 81.2 | 83.2 | 84.8 | 84.9 | 85.5 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1500 | 70.2 | 83.2 | 86.1 | 88.2 | 89.9 | 90.0 | 90.6 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1200 | 72.1 | 86.3 | 89.6 | 91.8 | 93.6 | 93.8 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1000 | 72.8 | 87.5 | 91.1 | 93.5 | 95.3 | 95.5 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 900 | 73.1 | 88.0 | 91.6 | 94.2 | 96.1 | 96.3 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 73.4 | 88.5 | 92.3 | 94.9 | 96.8 | 97.0 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 73.4 | 88.6 | 92.6 | 95.3 | 97.4 | 97.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 73.4 | 88.7 | 92.7 | 95.4 | 97.5 | 97.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 73.4 | 88.7 | 92.7 | 95.5 | 97.7 | 97.9 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 73.4 | 88.7 | 92.7 | 95.6 | 97.8 | 98.0 | 99.1 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 73.4 | 88.7 | 92.8 | 95.6 | 97.8 | 98.0 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 73.4 | 88.7 | 92.8 | 95.6 | 97.8 | 98.0 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 73.4 | 88.7 | 92.8 | 95.6 | 97.8 | 98.0 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 73.4 | 88.7 | 92.8 | 95.6 | 97.8 | 98.1 | 99.2 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2810

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 24.8 | 28.5 | 29.1 | 29.4 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 |
| ≥ 20000 | 29.9 | 34.1 | 34.8 | 35.2 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 |
| ≥ 18000 | 30.0 | 34.2 | 35.0 | 35.3 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| ≥ 16000 | 30.4 | 34.6 | 35.4 | 35.8 | 36.1 | 36.1 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 |
| ≥ 14000 | 31.5 | 35.9 | 36.7 | 37.1 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 |
| ≥ 12000 | 33.2 | 37.8 | 38.6 | 39.0 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 |
| ≥ 10000 | 34.7 | 39.6 | 40.5 | 40.9 | 41.1 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 9000 | 35.6 | 40.8 | 41.7 | 42.1 | 42.3 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| ≥ 8000 | 37.2 | 42.5 | 43.5 | 44.0 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| ≥ 7000 | 38.9 | 44.4 | 45.4 | 46.0 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 6000 | 40.1 | 45.7 | 46.8 | 47.4 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 5000 | 43.7 | 49.6 | 50.7 | 51.4 | 51.7 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 4500 | 46.4 | 52.3 | 53.5 | 54.2 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 4000 | 51.3 | 57.4 | 58.6 | 59.3 | 59.8 | 59.8 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 3500 | 57.2 | 63.8 | 65.0 | 65.7 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 3000 | 65.1 | 72.3 | 73.6 | 74.3 | 74.8 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 2500 | 74.4 | 83.1 | 84.5 | 85.4 | 85.9 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 2000 | 80.0 | 89.9 | 91.5 | 92.5 | 93.0 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1800 | 81.4 | 91.5 | 93.1 | 94.0 | 94.6 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 82.8 | 93.2 | 94.8 | 95.8 | 96.5 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 83.5 | 94.1 | 95.8 | 96.9 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 83.6 | 94.3 | 96.2 | 97.3 | 98.1 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 83.7 | 94.6 | 96.5 | 97.6 | 98.4 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 83.8 | 94.7 | 96.7 | 97.8 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 83.8 | 94.8 | 96.7 | 97.9 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.8 | 94.9 | 96.8 | 98.0 | 99.0 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1500-1700
HOURS LT

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅕ | ≥0 |
| NO CEILING | 31.0 | 33.2 | 33.7 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| ≥ 20000 | 37.7 | 40.4 | 40.9 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 18000 | 38.0 | 40.7 | 41.2 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| ≥ 16000 | 38.4 | 41.2 | 41.6 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 14000 | 39.8 | 42.7 | 43.2 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| ≥ 12000 | 41.8 | 45.0 | 45.5 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 10000 | 43.7 | 47.0 | 47.5 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 9000 | 45.1 | 48.5 | 49.0 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 8000 | 47.6 | 51.5 | 52.0 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 7000 | 50.2 | 54.5 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 6000 | 51.8 | 56.3 | 57.0 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 5000 | 55.7 | 60.5 | 61.3 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 4500 | 58.7 | 63.7 | 64.5 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 4000 | 64.0 | 69.4 | 70.3 | 70.6 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.0 |
| ≥ 3500 | 70.3 | 76.0 | 76.9 | 77.3 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3000 | 75.4 | 82.1 | 83.0 | 83.4 | 83.7 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 2500 | 81.4 | 89.2 | 90.3 | 90.8 | 91.1 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 85.0 | 93.8 | 95.0 | 95.5 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1800 | 85.4 | 94.4 | 95.6 | 96.2 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 1500 | 85.6 | 94.9 | 96.1 | 96.8 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 1200 | 86.0 | 95.5 | 96.8 | 97.5 | 98.1 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 86.1 | 95.8 | 97.2 | 97.9 | 98.6 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 86.2 | 95.9 | 97.3 | 98.2 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 800 | 86.2 | 96.0 | 97.5 | 98.4 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 700 | 86.2 | 96.0 | 97.5 | 98.4 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 600 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 500 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.2 | 96.0 | 97.5 | 98.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2814

USAF ETAC

FORM
1 JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0.15 | ≥ 0.1 | ≥ 0 |
| NO CEILING | 36.5 | 39.1 | 39.7 | 40.1 | 40.3 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| ≥ 20000 | 42.8 | 43.9 | 46.6 | 47.1 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 18000 | 43.2 | 46.3 | 47.1 | 47.6 | 47.8 | 47.8 | 48.0 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 16000 | 43.7 | 46.9 | 47.6 | 48.1 | 48.4 | 48.4 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 14000 | 45.0 | 48.3 | 49.1 | 49.7 | 49.9 | 49.9 | 50.1 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 12000 | 46.3 | 49.7 | 50.5 | 51.1 | 51.3 | 51.3 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 10000 | 48.4 | 52.0 | 52.9 | 53.5 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 9000 | 49.6 | 53.4 | 54.2 | 54.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 8000 | 52.4 | 56.5 | 57.3 | 57.9 | 58.2 | 58.2 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 7000 | 56.0 | 60.6 | 61.6 | 62.2 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 6000 | 59.0 | 63.8 | 65.0 | 65.6 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 5000 | 62.9 | 68.1 | 69.5 | 70.1 | 70.4 | 70.4 | 70.6 | 70.7 | 70.7 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 4500 | 65.8 | 71.1 | 72.5 | 73.1 | 73.5 | 73.5 | 73.7 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 4000 | 69.9 | 76.0 | 77.5 | 78.1 | 78.5 | 78.5 | 78.7 | 78.8 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 3500 | 74.1 | 80.7 | 82.2 | 82.8 | 83.2 | 83.3 | 83.5 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 3000 | 78.5 | 85.9 | 87.5 | 88.2 | 88.6 | 88.7 | 88.9 | 89.0 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2500 | 81.3 | 89.8 | 91.4 | 92.2 | 92.7 | 92.7 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 2000 | 83.4 | 92.9 | 94.7 | 95.5 | 96.1 | 96.1 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 83.6 | 93.3 | 95.0 | 95.8 | 96.5 | 96.5 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 84.1 | 93.9 | 95.9 | 96.8 | 97.5 | 97.6 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1200 | 84.2 | 94.3 | 96.3 | 97.2 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 84.3 | 94.4 | 96.7 | 97.5 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 84.3 | 94.5 | 96.8 | 97.7 | 98.4 | 98.5 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 84.3 | 94.5 | 96.8 | 97.7 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 84.3 | 94.5 | 96.8 | 97.8 | 98.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.8 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.3 | 94.5 | 96.9 | 97.9 | 98.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2807

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS EST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 41.6 | 46.3 | 47.7 | 48.3 | 49.0 | 49.0 | 49.2 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 20000 | 45.2 | 50.7 | 52.0 | 52.7 | 53.4 | 53.4 | 53.6 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 18000 | 45.3 | 51.0 | 52.3 | 53.0 | 53.7 | 53.7 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 16000 | 45.6 | 51.4 | 52.7 | 53.3 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 14000 | 46.3 | 52.4 | 53.7 | 54.4 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 12000 | 47.6 | 53.6 | 55.0 | 55.7 | 56.4 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 10000 | 49.4 | 55.6 | 57.0 | 57.7 | 58.4 | 58.4 | 58.7 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 9000 | 50.1 | 56.5 | 57.8 | 58.6 | 59.3 | 59.3 | 59.5 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 8000 | 52.8 | 59.8 | 61.2 | 61.9 | 62.7 | 62.7 | 62.9 | 63.0 | 63.0 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 7000 | 55.8 | 63.2 | 64.6 | 65.4 | 66.1 | 66.2 | 66.4 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 6000 | 58.0 | 65.8 | 67.2 | 68.0 | 68.8 | 68.8 | 69.1 | 69.1 | 69.1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 5000 | 61.7 | 70.1 | 71.6 | 72.4 | 73.1 | 73.2 | 73.4 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 4500 | 64.6 | 73.4 | 74.9 | 75.7 | 76.5 | 76.5 | 76.8 | 76.8 | 76.8 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 4000 | 67.7 | 77.2 | 78.8 | 79.7 | 80.5 | 80.5 | 80.8 | 80.8 | 80.8 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 3500 | 70.7 | 80.6 | 82.4 | 83.3 | 84.1 | 84.2 | 84.5 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 3000 | 73.0 | 83.6 | 85.5 | 86.4 | 87.3 | 87.3 | 87.8 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 2500 | 75.3 | 87.2 | 89.1 | 90.2 | 91.1 | 91.2 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 77.3 | 90.4 | 92.6 | 93.8 | 94.8 | 94.9 | 95.3 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 77.9 | 91.1 | 93.3 | 94.5 | 95.5 | 95.5 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1500 | 78.6 | 91.9 | 94.2 | 95.5 | 96.5 | 96.6 | 97.2 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 79.6 | 93.2 | 95.4 | 96.7 | 97.7 | 97.8 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 79.9 | 93.5 | 95.8 | 97.2 | 98.2 | 98.3 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 79.9 | 93.6 | 96.0 | 97.4 | 98.4 | 98.5 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 79.9 | 93.8 | 96.2 | 97.6 | 98.6 | 98.8 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 80.0 | 93.8 | 96.2 | 97.7 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 80.0 | 93.8 | 96.2 | 97.7 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 80.0 | 93.8 | 96.2 | 97.7 | 98.8 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 80.0 | 93.8 | 96.2 | 97.7 | 98.9 | 99.0 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 80.0 | 93.8 | 96.2 | 97.7 | 98.9 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 80.0 | 93.8 | 96.2 | 97.7 | 98.9 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.0 | 93.8 | 96.2 | 97.7 | 98.9 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.0 | 93.8 | 96.2 | 97.7 | 98.9 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2806

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACUMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ ⅓ | ≥ ⅒ | ≥ 0 |
| NO CEILING ≥ 20000 | 48.4 | 58.5 | 60.2 | 61.6 | 62.9 | 62.9 | 63.2 | 63.3 | 63.3 | 63.4 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 18000 | 50.0 | 60.3 | 62.0 | 63.5 | 64.8 | 64.8 | 65.0 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 16000 | 50.1 | 60.4 | 62.1 | 63.5 | 64.9 | 64.9 | 65.1 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 14000 | 50.7 | 61.2 | 62.9 | 64.3 | 65.7 | 65.7 | 65.9 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 12000 | 51.3 | 61.9 | 63.6 | 65.0 | 66.4 | 66.4 | 66.6 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 10000 | 52.0 | 62.7 | 64.4 | 65.9 | 67.2 | 67.2 | 67.5 | 67.6 | 67.6 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 9000 | 52.5 | 63.3 | 64.9 | 66.4 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 8000 | 53.7 | 64.6 | 66.4 | 67.8 | 69.2 | 69.2 | 69.4 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 7000 | 55.8 | 66.9 | 68.8 | 70.2 | 71.6 | 71.6 | 71.8 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 6000 | 56.8 | 68.1 | 70.0 | 71.5 | 72.8 | 72.8 | 73.1 | 73.2 | 73.2 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 5000 | 59.6 | 71.5 | 73.3 | 74.9 | 76.3 | 76.3 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 4500 | 61.3 | 73.3 | 75.2 | 76.8 | 78.2 | 78.2 | 78.5 | 78.6 | 78.6 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 63.8 | 76.2 | 78.1 | 79.7 | 81.1 | 81.1 | 81.3 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 3500 | 65.7 | 78.7 | 80.6 | 82.2 | 83.6 | 83.6 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 3000 | 67.5 | 81.5 | 83.4 | 85.0 | 86.4 | 86.4 | 86.7 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2500 | 69.4 | 84.2 | 86.2 | 87.9 | 89.3 | 89.3 | 89.6 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 2000 | 71.7 | 86.9 | 89.1 | 90.7 | 92.2 | 92.2 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1800 | 72.4 | 87.7 | 89.9 | 91.5 | 93.0 | 93.0 | 93.3 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1500 | 73.0 | 88.6 | 90.8 | 92.5 | 94.0 | 94.0 | 94.3 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1200 | 74.2 | 90.2 | 92.5 | 94.2 | 95.7 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1000 | 74.8 | 91.0 | 93.3 | 95.0 | 96.5 | 96.5 | 96.8 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 75.4 | 91.6 | 94.0 | 95.7 | 97.2 | 97.2 | 97.5 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 75.6 | 92.2 | 94.5 | 96.3 | 97.9 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 75.8 | 92.4 | 94.7 | 96.6 | 98.1 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 75.9 | 92.6 | 95.0 | 96.8 | 98.4 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 75.9 | 92.8 | 95.2 | 97.1 | 98.6 | 98.6 | 98.9 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 76.0 | 92.9 | 95.3 | 97.2 | 98.8 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 76.0 | 92.9 | 95.3 | 97.3 | 98.9 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 76.0 | 92.9 | 95.3 | 97.3 | 98.9 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 76.0 | 92.9 | 95.3 | 97.3 | 98.9 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 76.0 | 92.9 | 95.3 | 97.3 | 98.9 | 98.9 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 31.1 | 39.6 | 42.0 | 43.3 | 45.1 | 45.4 | 46.5 | 47.0 | 47.1 | 47.6 | 47.7 | 47.7 | 47.8 | 47.9 | 48.1 | 48.2 |
| ≥ 20000 | 32.9 | 41.7 | 44.0 | 45.4 | 47.3 | 47.6 | 48.7 | 49.2 | 49.3 | 49.8 | 49.9 | 49.9 | 50.0 | 50.2 | 50.3 | 50.5 |
| ≥ 18000 | 33.0 | 41.8 | 44.1 | 45.5 | 47.5 | 47.8 | 48.9 | 49.4 | 49.5 | 50.1 | 50.1 | 50.1 | 50.2 | 50.4 | 50.5 | 50.7 |
| ≥ 16000 | 33.1 | 41.9 | 44.2 | 45.6 | 47.6 | 47.9 | 49.0 | 49.5 | 49.7 | 50.2 | 50.3 | 50.3 | 50.4 | 50.5 | 50.6 | 50.8 |
| ≥ 14000 | 33.6 | 42.5 | 44.9 | 46.3 | 48.4 | 48.7 | 49.8 | 50.4 | 50.5 | 51.0 | 51.1 | 51.1 | 51.2 | 51.3 | 51.4 | 51.6 |
| ≥ 12000 | 33.9 | 43.0 | 45.4 | 47.0 | 49.0 | 49.3 | 50.4 | 50.9 | 51.1 | 51.6 | 51.6 | 51.6 | 51.7 | 51.9 | 52.0 | 52.2 |
| ≥ 10000 | 35.0 | 44.4 | 46.8 | 48.4 | 50.5 | 50.8 | 51.9 | 52.4 | 52.6 | 53.1 | 53.1 | 53.1 | 53.2 | 53.4 | 53.5 | 53.7 |
| ≥ 9000 | 35.5 | 44.9 | 47.4 | 49.0 | 51.0 | 51.3 | 52.5 | 53.0 | 53.1 | 53.6 | 53.7 | 53.7 | 53.8 | 53.9 | 54.1 | 54.2 |
| ≥ 8000 | 36.7 | 46.3 | 48.8 | 50.5 | 52.5 | 52.8 | 54.0 | 54.5 | 54.7 | 55.2 | 55.2 | 55.2 | 55.3 | 55.5 | 55.6 | 55.8 |
| ≥ 7000 | 38.1 | 47.8 | 50.5 | 52.2 | 54.3 | 54.6 | 55.8 | 56.3 | 56.4 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.3 | 57.5 |
| ≥ 6000 | 39.4 | 49.5 | 52.2 | 53.9 | 56.1 | 56.4 | 57.6 | 58.1 | 58.2 | 58.8 | 58.8 | 58.8 | 58.9 | 59.1 | 59.2 | 59.4 |
| ≥ 5000 | 42.1 | 52.5 | 55.3 | 57.1 | 59.3 | 59.7 | 60.9 | 61.4 | 61.5 | 62.0 | 62.1 | 62.1 | 62.2 | 62.3 | 62.4 | 62.6 |
| ≥ 4500 | 44.0 | 54.5 | 57.3 | 59.1 | 61.4 | 61.7 | 62.9 | 63.4 | 63.6 | 64.1 | 64.1 | 64.1 | 64.2 | 64.4 | 64.5 | 64.7 |
| ≥ 4000 | 46.2 | 57.1 | 60.0 | 61.8 | 64.1 | 64.4 | 65.6 | 66.1 | 66.3 | 66.8 | 66.8 | 66.8 | 66.9 | 67.1 | 67.2 | 67.4 |
| ≥ 3500 | 48.2 | 59.8 | 62.7 | 64.5 | 66.7 | 67.1 | 68.3 | 68.8 | 68.9 | 69.4 | 69.5 | 69.5 | 69.6 | 69.7 | 69.9 | 70.0 |
| ≥ 3000 | 50.9 | 63.5 | 66.6 | 68.6 | 70.9 | 71.2 | 72.5 | 73.0 | 73.2 | 73.7 | 73.7 | 73.7 | 73.9 | 74.0 | 74.1 | 74.3 |
| ≥ 2500 | 53.6 | 67.0 | 70.2 | 72.2 | 74.5 | 74.9 | 76.2 | 76.7 | 76.9 | 77.4 | 77.5 | 77.5 | 77.6 | 77.8 | 77.9 | 78.1 |
| ≥ 2000 | 56.4 | 70.6 | 74.0 | 76.1 | 78.5 | 78.9 | 80.2 | 80.8 | 81.0 | 81.5 | 81.6 | 81.6 | 81.7 | 81.9 | 82.0 | 82.2 |
| ≥ 1800 | 56.9 | 71.3 | 74.7 | 76.8 | 79.3 | 79.7 | 81.0 | 81.6 | 81.7 | 82.3 | 82.3 | 82.3 | 82.5 | 82.6 | 82.8 | 82.9 |
| ≥ 1500 | 58.3 | 73.3 | 76.7 | 78.9 | 81.5 | 81.9 | 83.2 | 83.8 | 83.9 | 84.6 | 84.7 | 84.7 | 84.9 | 85.0 | 85.1 | 85.3 |
| ≥ 1200 | 60.7 | 76.2 | 79.7 | 82.0 | 84.6 | 85.0 | 86.4 | 86.9 | 87.1 | 87.8 | 87.8 | 87.8 | 88.0 | 88.1 | 88.3 | 88.4 |
| ≥ 1000 | 62.0 | 78.1 | 81.8 | 84.2 | 87.0 | 87.4 | 88.8 | 89.4 | 89.5 | 90.2 | 90.3 | 90.3 | 90.5 | 90.7 | 90.8 | 91.0 |
| ≥ 900 | 62.6 | 79.0 | 82.7 | 85.2 | 87.9 | 88.3 | 89.7 | 90.3 | 90.5 | 91.1 | 91.2 | 91.2 | 91.5 | 91.6 | 91.7 | 91.9 |
| ≥ 800 | 63.3 | 80.3 | 84.0 | 86.5 | 89.3 | 89.7 | 91.1 | 91.7 | 91.8 | 92.3 | 92.6 | 92.6 | 92.9 | 93.0 | 93.1 | 93.3 |
| ≥ 700 | 63.7 | 81.0 | 84.7 | 87.2 | 90.1 | 90.5 | 92.0 | 92.6 | 92.7 | 93.4 | 93.5 | 93.5 | 93.9 | 94.0 | 94.1 | 94.3 |
| ≥ 600 | 64.3 | 82.0 | 85.8 | 88.4 | 91.4 | 91.8 | 93.3 | 93.9 | 94.1 | 94.8 | 94.9 | 94.9 | 95.2 | 95.3 | 95.5 | 95.6 |
| ≥ 500 | 64.5 | 82.4 | 86.5 | 89.2 | 92.2 | 92.7 | 94.3 | 94.9 | 95.1 | 95.9 | 96.1 | 96.1 | 96.4 | 96.5 | 96.7 | 96.8 |
| ≥ 400 | 64.5 | 82.7 | 86.8 | 89.6 | 92.7 | 93.2 | 94.9 | 95.5 | 95.7 | 96.5 | 96.7 | 96.7 | 97.1 | 97.2 | 97.3 | 97.5 |
| ≥ 300 | 64.5 | 82.7 | 86.9 | 89.8 | 93.0 | 93.6 | 95.5 | 96.1 | 96.3 | 97.2 | 97.4 | 97.4 | 97.8 | 98.0 | 98.2 | 98.4 |
| ≥ 200 | 64.6 | 82.8 | 87.1 | 90.0 | 93.2 | 93.8 | 95.7 | 96.4 | 96.7 | 97.7 | 98.1 | 98.1 | 98.6 | 98.9 | 99.2 | 99.4 |
| ≥ 100 | 64.6 | 82.8 | 87.1 | 90.0 | 93.2 | 93.8 | 95.7 | 96.4 | 96.7 | 97.8 | 98.2 | 98.2 | 98.7 | 99.0 | 99.4 | 99.7 |
| ≥ 0 | 64.6 | 82.8 | 87.1 | 90.0 | 93.2 | 93.8 | 95.7 | 96.4 | 96.7 | 97.8 | 98.2 | 98.2 | 98.8 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2977

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LT ST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.3 | 30.9 | 32.8 | 34.2 | 36.2 | 36.6 | 37.3 | 37.7 | 37.8 | 37.9 | 37.9 | 37.9 | 37.9 | 38.0 | 38.0 | 38.0 |
| ≥ 20000 | 26.7 | 33.7 | 35.8 | 37.3 | 39.7 | 40.0 | 40.7 | 41.2 | 41.3 | 41.4 | 41.4 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5 |
| IV 18000 | 26.0 | 33.8 | 35.9 | 37.5 | 39.8 | 40.2 | 40.9 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5 | 41.6 | 41.6 | 41.6 | 41.7 |
| IV 16000 | 27.0 | 34.0 | 36.1 | 37.6 | 40.0 | 40.3 | 41.0 | 41.5 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 | 41.8 | 41.8 | 41.8 |
| IV 14000 | 27.9 | 34.7 | 36.8 | 38.3 | 40.8 | 41.1 | 41.8 | 42.3 | 42.3 | 42.4 | 42.4 | 42.4 | 42.5 | 42.5 | 42.5 | 42.6 |
| IV 12000 | 28.3 | 35.5 | 37.7 | 39.2 | 41.7 | 42.1 | 42.8 | 43.3 | 43.3 | 43.5 | 43.5 | 43.5 | 43.6 | 43.6 | 43.6 | 43.7 |
| IV 10000 | 29.3 | 36.8 | 39.0 | 40.6 | 43.1 | 43.4 | 44.1 | 44.7 | 44.7 | 44.9 | 44.9 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 |
| IV 9000 | 30.0 | 37.5 | 39.7 | 41.3 | 43.8 | 44.2 | 44.9 | 45.4 | 45.5 | 45.6 | 45.6 | 45.6 | 45.7 | 45.7 | 45.7 | 45.8 |
| IV 8000 | 31.5 | 39.4 | 41.6 | 43.2 | 45.7 | 46.0 | 46.7 | 47.3 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 |
| IV 7000 | 32.2 | 40.4 | 42.6 | 44.3 | 46.8 | 47.2 | 47.9 | 48.5 | 48.5 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 |
| IV 6000 | 33.6 | 42.0 | 44.3 | 46.0 | 48.6 | 49.0 | 49.7 | 50.3 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.7 | 50.7 |
| IV 5000 | 36.4 | 45.2 | 47.6 | 49.3 | 51.9 | 52.3 | 53.0 | 53.6 | 53.7 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 |
| IV 4500 | 37.9 | 46.8 | 49.2 | 50.9 | 53.5 | 53.9 | 54.6 | 55.2 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 |
| IV 4000 | 40.2 | 49.4 | 51.9 | 53.6 | 56.2 | 56.7 | 57.4 | 58.0 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 |
| IV 3500 | 42.2 | 51.7 | 54.2 | 55.9 | 58.5 | 58.9 | 59.6 | 60.3 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 |
| IV 3000 | 45.2 | 55.5 | 58.1 | 60.0 | 62.7 | 63.2 | 63.9 | 64.5 | 64.6 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 |
| IV 2500 | 48.5 | 59.2 | 61.9 | 63.9 | 66.8 | 67.2 | 68.1 | 68.7 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 |
| IV 2000 | 51.7 | 63.2 | 66.2 | 68.2 | 71.2 | 71.7 | 72.6 | 73.3 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 |
| IV 1800 | 52.5 | 64.2 | 67.2 | 69.3 | 72.3 | 72.8 | 73.7 | 74.5 | 74.5 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 |
| IV 1500 | 54.7 | 67.1 | 70.3 | 72.5 | 75.6 | 76.0 | 77.0 | 77.7 | 77.8 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 |
| IV 1200 | 58.2 | 71.8 | 75.2 | 77.5 | 80.7 | 81.2 | 82.2 | 83.0 | 83.0 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 1000 | 59.5 | 73.8 | 77.3 | 79.8 | 83.2 | 83.7 | 84.9 | 85.7 | 85.8 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 |
| IV 900 | 60.4 | 75.0 | 78.5 | 81.0 | 84.5 | 85.0 | 86.1 | 87.0 | 87.1 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 800 | 61.2 | 76.3 | 80.0 | 82.5 | 86.0 | 86.6 | 87.8 | 88.8 | 88.9 | 89.3 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 |
| IV 700 | 61.5 | 77.1 | 80.9 | 83.5 | 87.1 | 87.8 | 89.0 | 90.0 | 90.2 | 90.6 | 90.6 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 |
| IV 600 | 61.8 | 77.9 | 81.8 | 84.5 | 88.4 | 89.2 | 90.5 | 91.6 | 91.9 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 500 | 62.1 | 78.5 | 82.6 | 85.3 | 89.6 | 90.3 | 91.8 | 93.0 | 93.3 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV 400 | 62.2 | 78.8 | 83.0 | 86.0 | 90.2 | 91.1 | 92.8 | 93.9 | 94.2 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 |
| IV 300 | 62.2 | 78.8 | 83.0 | 86.1 | 90.6 | 91.4 | 93.3 | 94.7 | 95.0 | 95.8 | 96.0 | 96.0 | 96.2 | 96.3 | 96.4 | 96.5 |
| IV 200 | 62.2 | 78.9 | 83.1 | 86.1 | 90.6 | 91.5 | 92.6 | 95.0 | 95.4 | 96.6 | 97.0 | 97.0 | 97.4 | 97.6 | 97.9 | 98.2 |
| IV 100 | 62.2 | 78.9 | 83.1 | 86.1 | 90.6 | 91.5 | 93.6 | 95.1 | 95.5 | 96.8 | 97.3 | 97.3 | 97.8 | 98.1 | 98.5 | 99.2 |
| IV 0 | 62.2 | 78.9 | 83.1 | 86.1 | 90.6 | 91.5 | 93.6 | 95.1 | 95.5 | 96.9 | 97.3 | 97.3 | 97.9 | 98.2 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2969

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACDMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LT

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 31.7 | 38.3 | 40.3 | 41.7 | 42.6 | 42.6 | 42.9 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| ≥ 20000 | 34.2 | 41.7 | 42.8 | 43.5 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| ≥ 18000 | 34.5 | 42.0 | 44.2 | 45.8 | 46.7 | 46.7 | 47.0 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 16000 | 34.6 | 42.2 | 44.4 | 46.0 | 46.9 | 46.9 | 47.2 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 14000 | 35.4 | 43.1 | 45.2 | 46.8 | 47.7 | 47.8 | 48.1 | 48.3 | 48.3 | 48.4 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| ≥ 12000 | 36.3 | 44.0 | 46.1 | 47.8 | 48.7 | 48.8 | 49.0 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 10000 | 37.1 | 45.0 | 47.2 | 48.8 | 49.8 | 49.8 | 50.1 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 9000 | 37.6 | 45.4 | 47.7 | 49.3 | 50.3 | 50.4 | 50.6 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 8000 | 38.4 | 46.2 | 48.5 | 50.2 | 51.2 | 51.3 | 51.5 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 7000 | 39.5 | 47.7 | 49.9 | 51.6 | 52.6 | 52.7 | 52.9 | 53.2 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 6000 | 40.7 | 49.0 | 51.4 | 53.2 | 54.2 | 54.2 | 54.5 | 54.8 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 5000 | 42.5 | 51.0 | 53.3 | 55.2 | 56.2 | 56.3 | 56.5 | 56.8 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 4500 | 43.4 | 51.9 | 54.2 | 56.1 | 57.1 | 57.2 | 57.4 | 57.7 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 4000 | 45.9 | 54.6 | 57.1 | 58.9 | 60.0 | 60.0 | 60.3 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 3500 | 48.7 | 57.6 | 60.0 | 61.9 | 63.0 | 63.0 | 63.3 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 3000 | 53.2 | 62.7 | 65.2 | 67.1 | 68.2 | 68.3 | 68.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 2500 | 59.4 | 69.5 | 72.2 | 74.0 | 75.2 | 75.3 | 75.7 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 2000 | 65.9 | 77.0 | 79.7 | 81.6 | 82.9 | 83.0 | 83.5 | 83.8 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1800 | 68.0 | 79.2 | 82.0 | 83.9 | 85.2 | 85.4 | 85.9 | 86.2 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1500 | 71.1 | 83.2 | 86.0 | 88.0 | 89.3 | 89.3 | 90.1 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1200 | 73.3 | 86.3 | 89.2 | 91.3 | 92.8 | 93.0 | 93.6 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1000 | 73.9 | 87.6 | 90.6 | 93.0 | 94.6 | 94.7 | 95.4 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 74.3 | 88.1 | 91.2 | 93.6 | 95.3 | 95.4 | 96.2 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 800 | 74.3 | 88.4 | 91.6 | 94.1 | 95.9 | 96.0 | 96.7 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 74.4 | 88.7 | 92.0 | 94.6 | 96.6 | 96.8 | 97.5 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 74.4 | 88.9 | 92.3 | 95.0 | 97.1 | 97.2 | 98.1 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 74.5 | 89.0 | 92.4 | 95.2 | 97.4 | 97.6 | 98.7 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 74.5 | 89.0 | 92.4 | 95.2 | 97.5 | 97.7 | 98.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 74.5 | 89.0 | 92.4 | 95.2 | 97.5 | 97.7 | 98.8 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 74.5 | 89.0 | 92.4 | 95.2 | 97.5 | 97.7 | 98.8 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 74.5 | 89.0 | 92.4 | 95.2 | 97.5 | 97.7 | 98.8 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 74.5 | 89.0 | 92.4 | 95.2 | 97.5 | 97.7 | 98.8 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2967

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

46-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5 16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.6 | 51.0 | 52.0 | 52.3 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 20000 | 50.2 | 56.1 | 57.2 | 57.5 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 18000 | 50.4 | 56.3 | 57.4 | 57.7 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 16000 | 50.7 | 56.7 | 57.9 | 58.2 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 14000 | 51.9 | 58.0 | 59.2 | 59.5 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 52.8 | 58.9 | 60.1 | 60.4 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 10000 | 53.5 | 59.8 | 61.0 | 61.3 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 54.3 | 60.7 | 61.9 | 62.3 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 8000 | 55.1 | 61.6 | 62.8 | 63.2 | 63.7 | 63.7 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 7000 | 56.4 | 62.9 | 64.2 | 64.7 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 6000 | 57.7 | 64.3 | 65.6 | 66.1 | 66.6 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 5000 | 60.2 | 67.2 | 68.5 | 69.0 | 69.5 | 69.5 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 4500 | 61.7 | 68.7 | 70.0 | 70.5 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4000 | 64.3 | 71.4 | 72.8 | 73.3 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3500 | 68.0 | 75.2 | 76.6 | 77.1 | 77.7 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 3000 | 73.5 | 81.6 | 83.1 | 83.7 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2500 | 79.1 | 87.7 | 89.3 | 90.0 | 90.6 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2000 | 83.5 | 92.8 | 94.4 | 95.1 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 84.0 | 93.4 | 95.0 | 95.7 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 84.6 | 94.4 | 96.0 | 96.9 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 85.0 | 95.2 | 96.9 | 97.9 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 85.1 | 95.5 | 97.4 | 98.4 | 99.2 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 85.1 | 95.5 | 97.4 | 98.4 | 99.2 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 85.1 | 95.6 | 97.5 | 98.5 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 85.1 | 95.6 | 97.6 | 98.5 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 85.1 | 95.7 | 97.6 | 98.6 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2981

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 53.6 | 58.2 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 20000 | 59.8 | 64.7 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 18000 | 59.9 | 64.9 | 65.7 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 16000 | 60.1 | 65.1 | 66.0 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 61.2 | 66.4 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 12000 | 62.4 | 67.7 | 68.6 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 10000 | 63.4 | 68.8 | 69.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 9000 | 64.2 | 69.8 | 70.8 | 71.2 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 8000 | 65.6 | 71.2 | 72.2 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 7000 | 67.4 | 73.4 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 6000 | 68.8 | 74.9 | 75.8 | 76.2 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 5000 | 71.9 | 78.1 | 79.1 | 79.5 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 4500 | 73.6 | 80.0 | 81.0 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4000 | 76.4 | 83.0 | 84.0 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 3500 | 79.3 | 86.1 | 87.2 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3000 | 83.3 | 90.7 | 91.7 | 92.2 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2500 | 86.2 | 94.0 | 95.3 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2000 | 87.7 | 95.9 | 97.2 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 87.8 | 96.1 | 97.5 | 97.9 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 87.9 | 96.4 | 97.7 | 98.2 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 88.0 | 96.6 | 98.1 | 98.5 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 88.0 | 96.7 | 98.2 | 98.7 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 88.1 | 96.8 | 98.3 | 98.7 | 99.3 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 88.1 | 96.9 | 98.3 | 98.8 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 88.2 | 96.9 | 98.4 | 98.8 | 99.4 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 88.2 | 96.9 | 98.4 | 98.9 | 99.4 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 88.2 | 96.9 | 98.4 | 98.9 | 99.4 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 88.2 | 96.9 | 98.4 | 98.9 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 88.2 | 96.9 | 98.4 | 98.9 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 88.2 | 96.9 | 98.4 | 98.9 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 88.2 | 96.9 | 98.4 | 98.9 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 88.2 | 96.9 | 98.4 | 98.9 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING, FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/20 | ≥ 1/40 | ≥ 0 |
| NO CEILING | 57.6 | 62.8 | 64.0 | 64.4 | 64.8 | 64.9 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 20000 | 62.5 | 68.1 | 69.3 | 69.8 | 70.3 | 70.4 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 18000 | 62.6 | 68.2 | 69.4 | 69.9 | 70.5 | 70.6 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 16000 | 62.8 | 68.5 | 69.7 | 70.2 | 70.7 | 70.8 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 14000 | 63.8 | 69.6 | 70.9 | 71.4 | 71.9 | 72.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 12000 | 65.3 | 71.3 | 72.5 | 73.0 | 73.5 | 73.6 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 10000 | 66.3 | 72.4 | 73.6 | 74.2 | 74.7 | 74.8 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 9000 | 67.1 | 73.2 | 74.5 | 75.0 | 75.5 | 75.6 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 8000 | 68.9 | 75.2 | 76.4 | 77.0 | 77.5 | 77.6 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 7000 | 70.9 | 77.6 | 78.8 | 79.4 | 80.0 | 80.1 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 6000 | 72.1 | 78.8 | 80.1 | 80.7 | 81.3 | 81.4 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 5000 | 75.0 | 82.1 | 83.5 | 84.1 | 84.7 | 84.8 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 76.4 | 83.6 | 85.1 | 85.7 | 86.3 | 86.5 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 4000 | 78.6 | 86.1 | 87.6 | 88.2 | 88.9 | 89.1 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 3500 | 80.6 | 88.3 | 89.9 | 90.6 | 91.3 | 91.5 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 82.5 | 91.0 | 92.6 | 93.2 | 94.0 | 94.1 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2500 | 84.1 | 93.0 | 94.6 | 95.3 | 96.1 | 96.2 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 85.0 | 94.3 | 95.9 | 96.7 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 85.0 | 94.4 | 96.1 | 96.9 | 97.8 | 97.9 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 85.2 | 94.6 | 96.3 | 97.1 | 98.1 | 98.3 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 85.3 | 94.9 | 96.5 | 97.3 | 98.4 | 98.5 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 85.3 | 95.0 | 96.7 | 97.5 | 98.6 | 98.7 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 85.3 | 95.0 | 96.7 | 97.5 | 98.6 | 98.7 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 85.3 | 95.0 | 96.8 | 97.5 | 98.6 | 98.7 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 85.3 | 95.0 | 96.8 | 97.5 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 85.3 | 95.0 | 96.8 | 97.5 | 98.6 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 85.3 | 95.0 | 96.8 | 97.5 | 98.7 | 98.8 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 85.3 | 95.0 | 96.8 | 97.6 | 98.7 | 98.8 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 85.3 | 95.0 | 96.8 | 97.6 | 98.7 | 98.8 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 85.3 | 95.0 | 96.8 | 97.6 | 98.7 | 98.8 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.3 | 95.0 | 96.8 | 97.6 | 98.7 | 98.8 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 85.3 | 95.0 | 96.8 | 97.6 | 98.7 | 98.8 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2985

USAF ETAC FORM 1-1-64 G-14-5 (G.L.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET. | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|-------|
| | ≥ 10 | ≥ 9 | ≥ 8 | ≥ 7 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 0 |
| NO CEILING | 57.0 | 64.6 | 66.0 | 66.7 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 20000 | 59.6 | 67.5 | 68.9 | 69.7 | 70.8 | 70.8 | 71.0 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 18000 | 59.6 | 67.5 | 68.9 | 69.7 | 70.8 | 70.8 | 71.0 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 16000 | 59.8 | 67.7 | 69.1 | 69.9 | 71.0 | 71.0 | 71.2 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 14000 | 60.4 | 68.5 | 69.9 | 70.7 | 71.7 | 71.8 | 72.0 | 72.1 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 12000 | 61.3 | 69.4 | 70.9 | 71.6 | 72.7 | 72.7 | 73.0 | 73.1 | 73.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 10000 | 62.1 | 70.3 | 71.7 | 72.5 | 73.6 | 73.6 | 73.8 | 74.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 9000 | 62.9 | 71.2 | 72.6 | 73.4 | 74.5 | 74.5 | 74.8 | 74.9 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 8000 | 64.4 | 72.8 | 74.3 | 75.1 | 76.2 | 76.2 | 76.5 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 7000 | 65.7 | 74.4 | 75.8 | 76.7 | 77.7 | 77.8 | 78.0 | 78.1 | 78.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 6000 | 67.0 | 76.1 | 77.6 | 78.4 | 79.5 | 79.5 | 79.8 | 79.9 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 5000 | 69.9 | 79.8 | 81.4 | 82.3 | 83.3 | 83.4 | 83.6 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 4500 | 71.3 | 81.6 | 83.1 | 84.0 | 85.1 | 85.2 | 85.4 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 73.8 | 84.5 | 86.0 | 87.0 | 88.1 | 88.1 | 88.4 | 88.6 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3500 | 74.9 | 85.9 | 87.4 | 88.4 | 89.5 | 89.5 | 89.8 | 90.0 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3000 | 76.7 | 88.5 | 90.1 | 91.1 | 92.2 | 92.2 | 92.5 | 92.7 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 2500 | 77.9 | 90.2 | 91.9 | 92.9 | 94.1 | 94.1 | 94.4 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2000 | 79.5 | 92.3 | 94.1 | 95.1 | 96.3 | 96.4 | 96.7 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1800 | 79.7 | 92.6 | 94.4 | 95.4 | 96.6 | 96.7 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1500 | 80.2 | 93.2 | 95.0 | 96.2 | 97.4 | 97.4 | 97.8 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 80.8 | 93.9 | 95.7 | 96.9 | 98.1 | 98.1 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 81.0 | 94.0 | 95.9 | 97.2 | 98.3 | 98.4 | 98.8 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 81.0 | 94.1 | 96.0 | 97.3 | 98.5 | 98.6 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 81.1 | 94.2 | 96.1 | 97.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 81.1 | 94.3 | 96.2 | 97.5 | 98.8 | 98.8 | 99.3 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 81.1 | 94.3 | 96.2 | 97.5 | 98.8 | 98.8 | 99.3 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 81.1 | 94.4 | 96.3 | 97.6 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 81.1 | 94.4 | 96.3 | 97.7 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 81.1 | 94.4 | 96.3 | 97.7 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 81.1 | 94.4 | 96.3 | 97.7 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 81.1 | 94.4 | 96.3 | 97.7 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 81.1 | 94.4 | 96.3 | 97.7 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2987

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 0 | ≥ 0 |
| NO CEILING | 37.9 | 49.9 | 53.4 | 55.4 | 57.2 | 57.4 | 57.8 | 58.0 | 58.1 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 |
| ≥ 20000 | 38.9 | 51.0 | 54.6 | 56.6 | 58.4 | 58.6 | 59.0 | 59.3 | 59.3 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.9 |
| ≥ 18000 | 39.0 | 51.2 | 54.8 | 56.8 | 58.6 | 58.8 | 59.3 | 59.5 | 59.5 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 16000 | 39.0 | 51.3 | 54.8 | 56.9 | 58.7 | 58.9 | 59.3 | 59.6 | 59.6 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 |
| ≥ 14000 | 39.9 | 52.3 | 55.9 | 58.0 | 59.8 | 60.0 | 60.5 | 60.7 | 60.7 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥ 12000 | 40.7 | 53.3 | 56.9 | 58.9 | 60.7 | 60.9 | 61.4 | 61.6 | 61.7 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 41.3 | 54.1 | 57.8 | 59.9 | 61.7 | 61.9 | 62.3 | 62.6 | 62.6 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 |
| ≥ 9000 | 42.0 | 55.0 | 58.7 | 60.8 | 62.5 | 62.7 | 63.2 | 63.5 | 63.5 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 |
| ≥ 8000 | 43.3 | 56.5 | 60.2 | 62.4 | 64.2 | 64.4 | 64.9 | 65.1 | 65.1 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 7000 | 44.6 | 57.9 | 61.7 | 64.1 | 65.8 | 66.0 | 66.5 | 66.8 | 66.8 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 |
| ≥ 6000 | 45.7 | 59.2 | 63.0 | 65.3 | 67.2 | 67.4 | 67.8 | 68.1 | 68.1 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| ≥ 5000 | 46.3 | 62.9 | 66.8 | 69.2 | 71.1 | 71.3 | 71.8 | 72.0 | 72.0 | 72.4 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 |
| ≥ 4500 | 49.3 | 64.4 | 68.3 | 70.7 | 72.5 | 72.8 | 73.3 | 73.5 | 73.5 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 4000 | 51.6 | 67.1 | 71.1 | 73.6 | 75.4 | 75.7 | 76.2 | 76.4 | 76.4 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 3500 | 53.7 | 69.7 | 73.8 | 76.4 | 78.3 | 78.6 | 79.1 | 79.3 | 79.3 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3000 | 56.4 | 73.2 | 77.4 | 80.0 | 82.0 | 82.3 | 82.8 | 83.0 | 83.0 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 |
| ≥ 2500 | 58.5 | 76.0 | 80.3 | 83.1 | 85.1 | 85.4 | 85.9 | 86.1 | 86.2 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 2000 | 61.0 | 79.3 | 83.8 | 86.6 | 88.7 | 89.0 | 89.5 | 89.7 | 89.8 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 1800 | 61.5 | 79.9 | 84.5 | 87.3 | 89.4 | 89.7 | 90.2 | 90.4 | 90.5 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 |
| ≥ 1500 | 63.1 | 82.2 | 86.9 | 89.7 | 91.8 | 92.2 | 92.7 | 92.9 | 92.9 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 |
| ≥ 1200 | 64.3 | 83.8 | 88.6 | 91.5 | 93.7 | 94.0 | 94.5 | 94.7 | 94.8 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 65.2 | 84.9 | 89.8 | 92.7 | 94.9 | 95.2 | 95.7 | 96.0 | 96.0 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 |
| ≥ 900 | 65.6 | 85.6 | 90.5 | 93.4 | 95.6 | 95.9 | 96.5 | 96.7 | 96.7 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| ≥ 800 | 65.7 | 86.1 | 91.0 | 94.0 | 96.2 | 96.5 | 97.1 | 97.3 | 97.3 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 700 | 65.9 | 86.5 | 91.6 | 94.6 | 96.9 | 97.2 | 97.7 | 97.9 | 98.0 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 600 | 66.1 | 86.9 | 92.0 | 95.0 | 97.3 | 97.6 | 98.1 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 500 | 66.2 | 87.0 | 92.2 | 95.3 | 97.5 | 97.8 | 98.4 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 400 | 66.2 | 87.1 | 92.4 | 95.4 | 97.6 | 98.0 | 98.5 | 98.8 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 66.2 | 87.2 | 92.4 | 95.4 | 97.7 | 98.0 | 98.5 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 200 | 66.2 | 87.2 | 92.4 | 95.4 | 97.7 | 98.0 | 98.6 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 100 | 66.2 | 87.2 | 92.4 | 95.4 | 97.7 | 98.0 | 98.6 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 |
| ≥ 0 | 66.2 | 87.2 | 92.4 | 95.4 | 97.7 | 98.0 | 98.6 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2969

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 23.1 | 31.8 | 35.4 | 38.0 | 40.6 | 41.2 | 42.5 | 43.0 | 43.1 | 44.2 | 44.6 | 44.6 | 45.1 | 45.1 | 45.6 | 45.7 |
| ≥ 20000 | 24.0 | 33.1 | 36.7 | 39.4 | 42.0 | 42.6 | 43.9 | 44.5 | 44.5 | 45.7 | 46.1 | 46.1 | 46.6 | 46.6 | 47.1 | 47.2 |
| ≥ 18000 | 24.0 | 33.1 | 36.7 | 39.4 | 42.0 | 42.6 | 43.9 | 44.5 | 44.5 | 45.7 | 46.1 | 46.1 | 46.6 | 46.6 | 47.1 | 47.2 |
| IV 16000 | 24.1 | 33.3 | 36.9 | 39.6 | 42.2 | 42.8 | 44.1 | 44.7 | 44.8 | 45.9 | 46.3 | 46.3 | 46.8 | 46.8 | 47.3 | 47.4 |
| IV 14000 | 24.8 | 34.1 | 37.7 | 40.4 | 42.9 | 43.6 | 44.9 | 45.5 | 45.6 | 46.7 | 47.1 | 47.1 | 47.6 | 47.6 | 48.1 | 48.2 |
| IV 12000 | 25.6 | 35.1 | 38.8 | 41.5 | 44.2 | 44.8 | 46.1 | 46.7 | 46.7 | 47.9 | 48.3 | 48.3 | 48.8 | 48.8 | 49.3 | 49.4 |
| IV 10000 | 26.3 | 35.9 | 39.6 | 42.4 | 45.1 | 45.7 | 47.0 | 47.6 | 47.7 | 48.8 | 49.2 | 49.2 | 49.7 | 49.7 | 50.2 | 50.3 |
| IV 9000 | 26.5 | 36.2 | 39.9 | 42.8 | 45.5 | 46.1 | 47.4 | 48.0 | 48.0 | 49.2 | 49.6 | 49.6 | 50.1 | 50.1 | 50.6 | 50.7 |
| IV 8000 | 27.6 | 37.6 | 41.3 | 44.2 | 47.0 | 47.6 | 49.0 | 49.6 | 49.6 | 50.8 | 51.2 | 51.2 | 51.7 | 51.7 | 52.2 | 52.3 |
| IV 7000 | 28.9 | 39.4 | 43.1 | 46.3 | 49.1 | 49.7 | 51.1 | 51.7 | 51.7 | 52.9 | 53.3 | 53.3 | 53.9 | 53.9 | 54.3 | 54.5 |
| IV 6000 | 30.0 | 40.7 | 44.5 | 47.9 | 50.6 | 51.2 | 52.7 | 53.3 | 53.4 | 54.5 | 54.9 | 54.9 | 55.5 | 55.5 | 56.0 | 56.1 |
| IV 5000 | 32.6 | 44.1 | 47.9 | 51.4 | 54.2 | 54.8 | 56.3 | 56.9 | 57.0 | 58.2 | 58.6 | 58.6 | 59.2 | 59.2 | 59.7 | 59.8 |
| IV 4500 | 33.9 | 45.7 | 49.6 | 53.2 | 56.0 | 56.6 | 58.0 | 58.6 | 58.7 | 59.9 | 60.3 | 60.3 | 60.9 | 60.9 | 61.4 | 61.5 |
| IV 4000 | 36.0 | 48.1 | 52.1 | 55.7 | 58.5 | 59.1 | 60.5 | 61.2 | 61.2 | 62.4 | 62.8 | 62.8 | 63.4 | 63.4 | 63.9 | 64.0 |
| IV 3500 | 38.0 | 50.5 | 54.6 | 58.3 | 61.1 | 61.8 | 63.3 | 63.9 | 64.0 | 65.2 | 65.6 | 65.6 | 66.2 | 66.2 | 66.7 | 66.8 |
| IV 3000 | 40.0 | 53.6 | 57.8 | 61.6 | 64.5 | 65.1 | 66.6 | 67.3 | 67.4 | 68.6 | 69.0 | 69.0 | 69.6 | 69.6 | 70.1 | 70.2 |
| IV 2500 | 42.2 | 56.6 | 61.1 | 65.0 | 67.9 | 68.6 | 70.1 | 70.8 | 70.9 | 72.2 | 72.6 | 72.6 | 73.2 | 73.2 | 73.7 | 73.8 |
| IV 2000 | 45.3 | 60.6 | 65.2 | 69.2 | 72.2 | 72.9 | 74.4 | 75.2 | 75.3 | 76.6 | 77.0 | 77.0 | 77.6 | 77.6 | 78.1 | 78.2 |
| IV 1800 | 46.4 | 61.9 | 66.5 | 70.6 | 73.5 | 74.2 | 75.7 | 76.5 | 76.6 | 77.9 | 78.3 | 78.3 | 78.9 | 78.9 | 79.4 | 79.6 |
| IV 1500 | 48.8 | 65.0 | 69.7 | 73.9 | 76.9 | 77.7 | 79.2 | 80.0 | 80.1 | 81.5 | 82.0 | 82.0 | 82.6 | 82.6 | 83.1 | 83.2 |
| IV 1200 | 50.8 | 67.7 | 72.4 | 76.8 | 80.0 | 80.8 | 82.4 | 83.2 | 83.3 | 84.7 | 85.2 | 85.2 | 85.8 | 85.8 | 86.3 | 86.4 |
| IV 1000 | 51.9 | 69.6 | 74.5 | 79.0 | 82.3 | 83.1 | 84.9 | 85.7 | 85.8 | 87.3 | 87.8 | 87.8 | 88.4 | 88.4 | 88.9 | 89.1 |
| IV 900 | 52.5 | 70.7 | 75.7 | 80.2 | 83.6 | 84.4 | 86.2 | 87.0 | 87.1 | 88.6 | 89.1 | 89.1 | 89.7 | 89.7 | 90.2 | 90.4 |
| IV 800 | 53.5 | 72.0 | 77.0 | 81.6 | 85.0 | 85.9 | 87.7 | 88.6 | 88.7 | 90.2 | 90.7 | 90.7 | 91.4 | 91.4 | 91.9 | 92.1 |
| IV 700 | 53.9 | 72.7 | 77.8 | 82.5 | 86.0 | 86.9 | 88.7 | 89.6 | 89.7 | 91.2 | 91.8 | 91.8 | 92.5 | 92.5 | 93.0 | 93.1 |
| IV 600 | 54.3 | 73.7 | 78.8 | 83.5 | 87.1 | 88.0 | 89.9 | 90.8 | 90.9 | 92.5 | 93.1 | 93.1 | 93.7 | 93.7 | 94.2 | 94.4 |
| IV 500 | 54.5 | 74.3 | 79.5 | 84.3 | 88.0 | 88.9 | 90.8 | 91.8 | 91.9 | 93.5 | 94.2 | 94.2 | 94.9 | 94.9 | 95.4 | 95.6 |
| IV 400 | 54.6 | 74.5 | 79.9 | 84.9 | 88.7 | 89.6 | 91.6 | 92.6 | 92.7 | 94.3 | 95.1 | 95.1 | 95.8 | 95.8 | 96.3 | 96.5 |
| IV 300 | 54.7 | 74.6 | 80.2 | 85.1 | 89.0 | 90.0 | 92.2 | 93.3 | 93.4 | 95.1 | 95.9 | 95.9 | 96.7 | 96.7 | 97.2 | 97.5 |
| IV 200 | 54.7 | 74.7 | 80.2 | 85.2 | 89.1 | 90.1 | 92.3 | 93.5 | 93.6 | 95.4 | 96.2 | 96.3 | 97.2 | 97.2 | 97.8 | 98.1 |
| IV 100 | 54.7 | 74.7 | 80.2 | 85.2 | 89.1 | 90.1 | 92.4 | 93.6 | 93.7 | 95.6 | 96.5 | 96.6 | 97.5 | 97.5 | 98.4 | 98.9 |
| IV 0 | 54.7 | 74.7 | 80.2 | 85.2 | 89.2 | 90.2 | 92.4 | 93.6 | 93.8 | 95.6 | 96.6 | 96.6 | 97.6 | 97.7 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2972

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS - EST

| CEILING FEET | VISIBILITY - STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 14.1 | 20.4 | 22.7 | 25.4 | 28.0 | 28.4 | 30.3 | 31.0 | 31.3 | 32.0 | 32.2 | 32.2 | 32.4 | 32.5 | 32.7 | 33.1 |
| ≥ 20000 | 15.6 | 22.3 | 24.7 | 27.6 | 30.2 | 30.7 | 32.7 | 33.4 | 33.7 | 34.4 | 34.6 | 34.6 | 34.8 | 34.9 | 35.2 | 35.5 |
| ≥ 18000 | 15.7 | 22.4 | 24.9 | 27.9 | 30.5 | 30.9 | 33.0 | 33.7 | 34.0 | 34.7 | 34.9 | 34.9 | 35.1 | 35.2 | 35.5 | 35.8 |
| IV 16000 | 16.0 | 22.7 | 25.2 | 28.2 | 30.8 | 31.3 | 33.3 | 34.0 | 34.3 | 35.0 | 35.2 | 35.2 | 35.4 | 35.5 | 35.8 | 36.1 |
| IV 14000 | 16.4 | 23.4 | 25.9 | 29.0 | 31.6 | 32.1 | 34.1 | 34.8 | 35.1 | 35.8 | 36.0 | 36.0 | 36.2 | 36.4 | 36.6 | 36.9 |
| IV 12000 | 17.4 | 24.6 | 27.2 | 30.3 | 32.9 | 33.4 | 35.5 | 36.2 | 36.5 | 37.2 | 37.4 | 37.4 | 37.6 | 37.7 | 38.0 | 38.3 |
| IV 10000 | 18.1 | 25.5 | 28.3 | 31.5 | 34.1 | 34.6 | 36.7 | 37.4 | 37.7 | 38.4 | 38.6 | 38.6 | 38.8 | 39.0 | 39.2 | 39.5 |
| IV 9000 | 18.5 | 26.0 | 28.8 | 32.1 | 34.7 | 35.2 | 37.3 | 38.0 | 38.3 | 39.0 | 39.2 | 39.3 | 39.4 | 39.6 | 39.8 | 40.1 |
| IV 8000 | 20.1 | 27.8 | 30.6 | 34.0 | 36.7 | 37.2 | 39.3 | 40.1 | 40.4 | 41.1 | 41.3 | 41.4 | 41.5 | 41.7 | 41.9 | 42.3 |
| IV 7000 | 21.3 | 29.1 | 31.9 | 35.4 | 38.3 | 38.8 | 40.9 | 41.8 | 42.0 | 42.8 | 43.0 | 43.0 | 43.2 | 43.4 | 43.6 | 44.0 |
| IV 6000 | 22.6 | 30.9 | 33.8 | 37.3 | 40.3 | 40.8 | 42.9 | 43.8 | 44.1 | 44.8 | 45.0 | 45.1 | 45.2 | 45.4 | 45.6 | 46.0 |
| IV 5000 | 25.2 | 34.0 | 36.9 | 40.5 | 43.6 | 44.1 | 46.4 | 47.3 | 47.6 | 48.4 | 48.6 | 48.6 | 48.9 | 49.0 | 49.3 | 49.6 |
| IV 4500 | 26.7 | 35.8 | 38.9 | 42.6 | 45.6 | 46.1 | 48.4 | 49.4 | 49.6 | 50.4 | 50.6 | 50.7 | 50.9 | 51.0 | 51.3 | 51.6 |
| IV 4000 | 28.9 | 38.7 | 41.8 | 45.5 | 48.6 | 49.2 | 51.6 | 52.6 | 52.8 | 53.6 | 53.9 | 53.9 | 54.1 | 54.3 | 54.5 | 54.8 |
| IV 3500 | 31.1 | 41.3 | 44.5 | 48.4 | 51.6 | 52.2 | 54.6 | 55.6 | 55.9 | 56.8 | 57.0 | 57.0 | 57.2 | 57.4 | 57.6 | 57.9 |
| IV 3000 | 33.1 | 43.8 | 47.1 | 51.1 | 54.4 | 55.0 | 57.4 | 58.5 | 58.8 | 59.7 | 59.9 | 60.0 | 60.2 | 60.3 | 60.6 | 60.9 |
| IV 2500 | 36.0 | 47.3 | 50.7 | 54.9 | 58.3 | 58.9 | 61.4 | 62.5 | 62.8 | 63.8 | 64.0 | 64.1 | 64.3 | 64.4 | 64.7 | 65.0 |
| IV 2000 | 39.6 | 51.3 | 54.8 | 59.2 | 62.7 | 63.3 | 65.9 | 67.1 | 67.5 | 68.5 | 68.8 | 68.8 | 69.0 | 69.2 | 69.4 | 69.7 |
| IV 1800 | 40.7 | 52.7 | 56.2 | 60.6 | 64.2 | 64.8 | 67.4 | 68.6 | 68.9 | 70.0 | 70.2 | 70.2 | 70.4 | 70.6 | 70.8 | 71.2 |
| IV 1500 | 43.4 | 56.2 | 59.9 | 64.6 | 68.4 | 69.1 | 71.8 | 73.1 | 73.4 | 74.5 | 74.8 | 74.8 | 75.0 | 75.2 | 75.4 | 75.7 |
| IV 1200 | 45.9 | 59.7 | 63.6 | 68.6 | 72.6 | 73.4 | 76.3 | 77.6 | 77.9 | 79.0 | 79.2 | 79.3 | 79.5 | 79.6 | 79.9 | 80.2 |
| IV 1000 | 47.3 | 62.0 | 66.3 | 71.6 | 76.0 | 76.8 | 79.7 | 81.0 | 81.4 | 82.4 | 82.7 | 82.7 | 82.9 | 83.1 | 83.3 | 83.7 |
| IV 900 | 48.0 | 63.1 | 67.6 | 72.9 | 77.3 | 78.1 | 81.2 | 82.5 | 82.9 | 84.0 | 84.2 | 84.2 | 84.5 | 84.6 | 84.9 | 85.2 |
| IV 800 | 48.5 | 64.3 | 68.9 | 74.6 | 79.1 | 79.9 | 83.1 | 84.7 | 85.0 | 86.2 | 86.5 | 86.5 | 86.7 | 86.9 | 87.1 | 87.5 |
| IV 700 | 48.9 | 65.2 | 70.2 | 76.0 | 80.6 | 81.5 | 84.7 | 86.3 | 86.6 | 87.9 | 88.1 | 88.1 | 88.4 | 88.5 | 88.8 | 89.2 |
| IV 600 | 49.1 | 65.6 | 70.8 | 76.9 | 81.7 | 82.6 | 86.0 | 87.6 | 88.0 | 89.4 | 89.6 | 89.7 | 89.9 | 90.1 | 90.3 | 90.7 |
| IV 500 | 49.2 | 65.9 | 71.1 | 77.3 | 82.3 | 83.2 | 86.9 | 88.7 | 89.2 | 90.8 | 91.1 | 91.1 | 91.3 | 91.7 | 92.0 | 92.3 |
| IV 400 | 49.2 | 66.1 | 71.4 | 77.7 | 82.7 | 83.9 | 87.7 | 89.7 | 90.3 | 92.2 | 92.5 | 92.6 | 93.0 | 93.2 | 93.5 | 93.9 |
| IV 300 | 49.2 | 66.1 | 71.4 | 77.8 | 83.0 | 84.2 | 88.1 | 90.4 | 91.0 | 93.1 | 93.8 | 93.8 | 94.3 | 94.3 | 94.9 | 95.3 |
| IV 200 | 49.2 | 66.1 | 71.4 | 77.8 | 83.0 | 84.3 | 88.3 | 90.7 | 91.3 | 93.5 | 94.4 | 94.6 | 95.3 | 95.6 | 96.4 | 97.0 |
| IV 100 | 49.2 | 66.1 | 71.4 | 77.8 | 83.0 | 84.3 | 88.3 | 90.7 | 91.3 | 93.7 | 94.6 | 94.9 | 95.7 | 96.2 | 97.3 | 98.4 |
| IV 0 | 49.2 | 66.1 | 71.4 | 77.8 | 83.0 | 84.3 | 88.3 | 90.7 | 91.3 | 93.7 | 94.6 | 94.9 | 95.8 | 96.4 | 97.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2960

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5-16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 21.6 | 29.5 | 32.8 | 35.6 | 37.9 | 38.3 | 39.3 | 39.6 | 39.7 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| ≥ 18000 | 23.6 | 32.4 | 35.8 | 38.9 | 41.3 | 41.7 | 42.7 | 43.0 | 43.1 | 43.1 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| IV 16000 | 23.8 | 32.5 | 36.0 | 39.0 | 41.5 | 41.8 | 42.8 | 43.1 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| IV 14000 | 24.0 | 32.8 | 36.3 | 39.3 | 41.8 | 42.1 | 43.1 | 43.4 | 43.5 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 |
| IV 12000 | 24.5 | 33.5 | 37.1 | 40.1 | 42.7 | 43.1 | 44.1 | 44.4 | 44.5 | 44.5 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| IV 10000 | 25.0 | 34.3 | 37.9 | 41.1 | 43.8 | 44.2 | 45.2 | 45.5 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| IV 9000 | 25.8 | 35.4 | 39.0 | 42.3 | 45.0 | 45.4 | 46.4 | 46.7 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| IV 8000 | 26.2 | 35.9 | 39.5 | 42.8 | 45.5 | 45.9 | 47.0 | 47.3 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| IV 7000 | 27.7 | 37.6 | 41.3 | 44.6 | 47.4 | 47.8 | 48.9 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| IV 6000 | 28.7 | 38.6 | 42.4 | 45.8 | 48.6 | 49.0 | 50.1 | 50.4 | 50.5 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| IV 5000 | 29.7 | 39.9 | 43.6 | 47.1 | 50.0 | 50.4 | 51.6 | 51.9 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.2 |
| IV 4500 | 31.7 | 42.1 | 45.8 | 49.3 | 52.3 | 52.7 | 53.8 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| IV 4000 | 32.9 | 43.6 | 47.4 | 50.9 | 53.9 | 54.3 | 55.4 | 55.8 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| IV 3500 | 34.6 | 45.7 | 49.5 | 53.0 | 56.0 | 56.5 | 57.6 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| IV 3000 | 36.7 | 48.0 | 51.9 | 55.6 | 58.6 | 59.0 | 60.2 | 60.6 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IV 2500 | 40.1 | 51.8 | 55.7 | 59.4 | 62.5 | 62.9 | 64.1 | 64.5 | 64.5 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 |
| IV 2000 | 45.1 | 57.3 | 61.4 | 65.2 | 68.3 | 68.7 | 70.0 | 70.4 | 70.5 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 1800 | 50.5 | 63.7 | 68.1 | 72.0 | 75.3 | 75.7 | 77.0 | 77.4 | 77.5 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| IV 1500 | 52.4 | 66.3 | 70.8 | 74.9 | 78.2 | 78.6 | 79.9 | 80.4 | 80.5 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 1200 | 56.2 | 71.4 | 76.6 | 80.8 | 84.4 | 84.8 | 86.3 | 86.7 | 86.8 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 1000 | 58.4 | 74.9 | 80.6 | 85.2 | 88.9 | 89.4 | 91.0 | 91.5 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| IV 900 | 59.3 | 76.9 | 82.8 | 87.6 | 91.7 | 92.2 | 93.8 | 94.4 | 94.5 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 800 | 59.5 | 77.4 | 83.4 | 88.4 | 92.5 | 93.2 | 95.0 | 95.5 | 95.6 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 700 | 59.6 | 77.7 | 83.9 | 89.2 | 93.3 | 94.1 | 95.9 | 96.6 | 96.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| IV 600 | 59.6 | 77.8 | 84.1 | 89.4 | 93.6 | 94.4 | 96.4 | 97.0 | 97.1 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 500 | 59.6 | 77.9 | 84.2 | 89.7 | 94.0 | 94.8 | 96.9 | 97.7 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 400 | 59.6 | 77.9 | 84.3 | 89.9 | 94.2 | 95.0 | 97.3 | 98.3 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 300 | 59.6 | 77.9 | 84.3 | 89.9 | 94.2 | 95.1 | 97.5 | 98.6 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 200 | 59.6 | 77.9 | 84.3 | 89.9 | 94.2 | 95.2 | 97.5 | 98.7 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 59.6 | 77.9 | 84.3 | 89.9 | 94.2 | 95.2 | 97.5 | 98.8 | 99.0 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 59.6 | 77.9 | 84.3 | 89.9 | 94.2 | 95.2 | 97.5 | 98.8 | 99.0 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2960

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA

40-71
YEARSAUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 36.6 | 44.9 | 46.4 | 47.5 | 48.2 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 20000 | 40.6 | 49.9 | 51.5 | 52.7 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 18000 | 40.9 | 50.2 | 51.8 | 53.1 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 16000 | 41.2 | 50.7 | 52.3 | 53.5 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 |
| ≥ 14000 | 41.8 | 51.5 | 53.1 | 54.4 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 12000 | 42.4 | 52.2 | 54.0 | 55.2 | 56.0 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 10000 | 43.7 | 53.6 | 55.4 | 56.7 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 9000 | 44.1 | 54.2 | 55.9 | 57.2 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 8000 | 45.4 | 55.7 | 57.5 | 58.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 7000 | 46.5 | 57.1 | 58.8 | 60.2 | 61.2 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 6000 | 47.7 | 58.5 | 60.3 | 61.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 |
| ≥ 5000 | 49.8 | 60.9 | 62.7 | 64.1 | 65.1 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 4500 | 51.4 | 62.8 | 64.6 | 66.0 | 67.0 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 |
| ≥ 4000 | 55.0 | 66.9 | 68.8 | 70.3 | 71.3 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3500 | 58.9 | 71.3 | 73.2 | 74.7 | 75.8 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 3000 | 63.3 | 76.3 | 78.3 | 79.9 | 81.0 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 2500 | 68.6 | 82.5 | 84.7 | 86.4 | 87.5 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2000 | 72.7 | 87.9 | 90.4 | 92.2 | 93.3 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 73.4 | 88.7 | 91.3 | 93.0 | 94.3 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 74.4 | 90.5 | 93.1 | 95.0 | 96.3 | 96.5 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 74.9 | 91.3 | 93.9 | 95.9 | 97.5 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 75.0 | 91.7 | 94.3 | 96.4 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 900 | 75.0 | 91.7 | 94.3 | 96.5 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 75.1 | 91.8 | 94.6 | 96.7 | 98.4 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 75.1 | 91.8 | 94.6 | 96.8 | 98.5 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 75.1 | 91.9 | 94.7 | 96.8 | 98.5 | 98.8 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 500 | 75.1 | 91.9 | 94.7 | 96.8 | 98.5 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 400 | 75.1 | 91.9 | 94.7 | 96.8 | 98.6 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 75.1 | 91.9 | 94.7 | 96.8 | 98.6 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 75.1 | 91.9 | 94.7 | 96.8 | 98.6 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 75.1 | 91.9 | 94.7 | 96.8 | 98.6 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 75.1 | 91.9 | 94.7 | 96.8 | 98.6 | 98.9 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2962

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 46.9 | 52.7 | 53.3 | 53.7 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 20000 | 51.7 | 58.2 | 59.0 | 59.5 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 18000 | 52.2 | 58.8 | 59.6 | 60.0 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 16000 | 52.7 | 59.6 | 60.4 | 60.9 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 14000 | 53.8 | 60.8 | 61.7 | 62.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 12000 | 54.8 | 62.0 | 62.9 | 63.4 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 |
| ≥ 10000 | 56.2 | 63.6 | 64.6 | 65.1 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| ≥ 9000 | 56.8 | 64.4 | 65.3 | 65.9 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 8000 | 58.3 | 66.4 | 67.4 | 68.1 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 |
| ≥ 7000 | 60.0 | 68.2 | 69.2 | 70.0 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 6000 | 61.7 | 70.1 | 71.1 | 71.9 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 5000 | 65.0 | 73.7 | 74.7 | 75.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4500 | 67.3 | 76.1 | 77.3 | 78.1 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 |
| ≥ 4000 | 70.5 | 79.8 | 80.9 | 81.8 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 3500 | 73.7 | 83.1 | 84.3 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 3000 | 76.6 | 86.8 | 87.9 | 89.0 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 2500 | 79.5 | 90.5 | 91.8 | 92.9 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 81.4 | 93.0 | 94.4 | 95.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 |
| ≥ 1800 | 81.7 | 93.4 | 94.8 | 96.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 82.0 | 94.0 | 95.4 | 96.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 1200 | 82.1 | 94.3 | 95.7 | 97.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 1000 | 82.1 | 94.4 | 95.9 | 97.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 900 | 82.1 | 94.4 | 95.9 | 97.3 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 800 | 82.1 | 94.5 | 96.0 | 97.4 | 98.8 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 82.1 | 94.5 | 96.0 | 97.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 82.1 | 94.5 | 96.0 | 97.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 400 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 82.1 | 94.6 | 96.0 | 97.5 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2960

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 3/8 | ≥ 7/16 | ≥ 1/2 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 50.1 | 56.0 | 37.5 | 58.3 | 59.0 | 59.2 | 59.5 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 20000 | 53.8 | 60.2 | 62.1 | 63.1 | 63.8 | 64.0 | 64.4 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 |
| IV 18000 | 54.1 | 60.6 | 62.5 | 63.5 | 64.2 | 64.4 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 |
| IV 16000 | 54.6 | 61.2 | 63.1 | 64.2 | 64.9 | 65.1 | 65.5 | 65.5 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| IV 14000 | 55.5 | 62.2 | 64.2 | 65.2 | 66.0 | 66.2 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| IV 12000 | 56.3 | 63.2 | 65.2 | 66.2 | 66.9 | 67.1 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 10000 | 57.4 | 64.4 | 66.5 | 67.5 | 68.3 | 68.5 | 68.9 | 68.9 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 |
| IV 9000 | 58.2 | 65.5 | 67.6 | 68.7 | 69.4 | 69.6 | 70.0 | 70.0 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 8000 | 60.0 | 67.6 | 69.9 | 70.9 | 71.8 | 72.0 | 72.4 | 72.4 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| IV 7000 | 61.8 | 69.9 | 72.3 | 73.4 | 74.4 | 74.6 | 75.0 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 6000 | 63.4 | 71.7 | 74.1 | 75.2 | 76.3 | 76.5 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 5000 | 66.1 | 75.1 | 77.5 | 78.6 | 79.7 | 79.9 | 80.3 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 |
| IV 4500 | 67.6 | 76.7 | 79.2 | 80.3 | 81.4 | 81.6 | 82.0 | 82.1 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV 4000 | 70.6 | 80.2 | 82.8 | 83.9 | 85.1 | 85.3 | 85.8 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 |
| IV 3500 | 73.1 | 82.9 | 85.6 | 86.7 | 88.0 | 88.2 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 |
| IV 3000 | 74.9 | 85.5 | 88.3 | 89.4 | 90.8 | 91.0 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| IV 2500 | 77.1 | 88.1 | 91.1 | 92.3 | 93.6 | 93.9 | 94.5 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 2000 | 78.4 | 90.1 | 93.1 | 94.4 | 95.9 | 96.1 | 96.7 | 96.8 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1800 | 78.4 | 90.3 | 93.3 | 94.6 | 96.1 | 96.4 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 |
| IV 1500 | 78.6 | 90.7 | 93.7 | 95.1 | 96.7 | 96.9 | 97.7 | 97.8 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1200 | 78.8 | 91.0 | 94.1 | 95.5 | 97.1 | 97.3 | 98.2 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1000 | 79.0 | 91.1 | 94.3 | 95.8 | 97.4 | 97.6 | 98.6 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 900 | 79.0 | 91.1 | 94.3 | 95.8 | 97.5 | 97.7 | 98.7 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| IV 800 | 79.0 | 91.1 | 94.4 | 95.9 | 97.5 | 97.8 | 98.8 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| IV 700 | 79.0 | 91.2 | 94.5 | 96.0 | 97.6 | 97.9 | 98.9 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| IV 600 | 79.0 | 91.2 | 94.5 | 96.0 | 97.7 | 98.0 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 500 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 400 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 300 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 200 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 100 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 0 | 79.0 | 91.2 | 94.6 | 96.1 | 97.8 | 98.1 | 99.1 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2974

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 | |
| NO CEILING | 47.7 | 57.7 | 60.6 | 61.9 | 63.2 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 |
| ≥ 20000 | 49.0 | 59.9 | 63.0 | 64.6 | 65.9 | 66.0 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.7 | 66.7 |
| ≥ 18000 | 49.7 | 60.1 | 63.3 | 64.8 | 66.2 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.9 | 66.9 |
| ≥ 16000 | 49.8 | 60.4 | 63.6 | 65.1 | 66.5 | 66.5 | 66.8 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 |
| ≥ 14000 | 50.7 | 61.5 | 64.6 | 66.2 | 67.6 | 67.6 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 |
| ≥ 12000 | 51.2 | 62.2 | 65.3 | 66.9 | 68.3 | 68.3 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 69.0 | 69.0 |
| ≥ 10000 | 51.9 | 63.1 | 66.3 | 67.9 | 69.2 | 69.3 | 69.6 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 |
| ≥ 9000 | 52.5 | 63.8 | 67.0 | 68.5 | 69.9 | 69.9 | 70.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 |
| ≥ 8000 | 53.4 | 65.0 | 68.2 | 69.8 | 71.2 | 71.2 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 |
| ≥ 7000 | 55.2 | 67.1 | 70.3 | 71.9 | 73.3 | 73.4 | 73.8 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.2 | 74.2 |
| ≥ 6000 | 57.0 | 69.1 | 72.3 | 73.9 | 75.4 | 75.5 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 |
| ≥ 5000 | 59.8 | 72.7 | 75.9 | 77.6 | 79.1 | 79.1 | 79.5 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 4500 | 61.1 | 74.5 | 77.8 | 79.4 | 81.0 | 81.1 | 81.5 | 81.5 | 81.5 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 |
| ≥ 4000 | 62.8 | 77.0 | 80.4 | 82.0 | 83.8 | 83.8 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 |
| ≥ 3500 | 64.9 | 79.7 | 83.4 | 85.2 | 86.9 | 87.0 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 |
| ≥ 3000 | 67.3 | 82.8 | 86.6 | 88.4 | 90.1 | 90.2 | 90.6 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 |
| ≥ 2500 | 69.1 | 85.1 | 89.0 | 90.9 | 92.8 | 92.8 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 2000 | 70.7 | 87.3 | 91.3 | 93.3 | 95.2 | 95.2 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 |
| ≥ 1800 | 71.0 | 87.7 | 91.7 | 93.7 | 95.7 | 95.7 | 96.2 | 96.3 | 96.3 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 |
| ≥ 1500 | 71.8 | 88.8 | 93.0 | 95.0 | 97.0 | 97.1 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 |
| ≥ 1200 | 72.2 | 89.4 | 93.6 | 95.7 | 97.7 | 97.7 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 1000 | 72.6 | 89.9 | 94.2 | 96.3 | 98.4 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 900 | 72.6 | 89.9 | 94.2 | 96.3 | 98.4 | 98.5 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 800 | 72.7 | 90.0 | 94.4 | 96.5 | 98.6 | 98.7 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 700 | 72.7 | 90.1 | 94.5 | 96.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 600 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 500 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 400 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 72.7 | 90.2 | 94.6 | 96.7 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2968

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/10 | ≥1/8 | ≥0 |
| NO CEILING | 20.8 | 26.2 | 41.0 | 44.3 | 48.0 | 48.9 | 51.4 | 52.5 | 52.6 | 54.2 | 54.7 | 54.8 | 55.6 | 55.9 | 56.5 | 56.9 |
| ≥ 20000 | 22.0 | 37.7 | 42.6 | 46.0 | 49.8 | 50.8 | 53.4 | 54.5 | 54.6 | 56.2 | 56.8 | 56.8 | 57.7 | 58.0 | 58.7 | 59.1 |
| IV 18000 | 22.1 | 37.8 | 42.6 | 46.1 | 49.8 | 50.9 | 53.4 | 54.6 | 54.7 | 56.3 | 56.9 | 56.9 | 57.8 | 58.1 | 58.7 | 59.2 |
| IV 16000 | 22.2 | 38.0 | 42.8 | 46.2 | 50.0 | 51.0 | 53.6 | 54.8 | 54.9 | 56.5 | 57.0 | 57.1 | 57.9 | 58.2 | 58.9 | 59.3 |
| IV 14000 | 22.7 | 38.5 | 43.4 | 46.9 | 50.7 | 51.7 | 54.3 | 55.5 | 55.6 | 57.2 | 57.7 | 57.8 | 58.6 | 58.9 | 59.6 | 60.1 |
| IV 12000 | 23.4 | 39.8 | 44.6 | 48.3 | 52.1 | 53.1 | 55.7 | 56.9 | 57.0 | 58.6 | 59.1 | 59.2 | 60.0 | 60.3 | 61.0 | 61.4 |
| IV 10000 | 24.3 | 41.2 | 46.1 | 49.9 | 53.7 | 54.8 | 57.4 | 58.6 | 58.7 | 60.3 | 60.8 | 60.9 | 61.7 | 62.0 | 62.7 | 63.2 |
| IV 9000 | 24.8 | 41.9 | 46.8 | 50.6 | 54.5 | 55.5 | 58.1 | 59.3 | 59.4 | 61.0 | 61.6 | 61.6 | 62.5 | 62.8 | 63.4 | 63.9 |
| IV 8000 | 25.8 | 43.3 | 48.4 | 52.3 | 56.2 | 57.3 | 59.9 | 61.1 | 61.2 | 62.8 | 63.3 | 63.4 | 64.2 | 64.5 | 65.2 | 65.7 |
| IV 7000 | 27.3 | 45.2 | 50.4 | 54.4 | 58.4 | 59.4 | 62.1 | 63.3 | 63.4 | 65.0 | 65.5 | 65.6 | 66.4 | 66.7 | 67.4 | 67.8 |
| IV 6000 | 28.2 | 46.5 | 51.7 | 55.7 | 59.7 | 60.8 | 63.5 | 64.6 | 64.8 | 66.4 | 66.9 | 66.9 | 67.8 | 68.1 | 68.8 | 69.2 |
| IV 5000 | 30.5 | 49.2 | 54.7 | 58.8 | 62.9 | 64.0 | 66.8 | 67.9 | 68.0 | 69.6 | 70.2 | 70.3 | 71.1 | 71.4 | 72.1 | 72.5 |
| IV 4500 | 31.6 | 50.6 | 56.2 | 60.4 | 64.6 | 65.7 | 68.4 | 69.6 | 69.7 | 71.3 | 71.9 | 71.9 | 72.8 | 73.1 | 73.8 | 74.3 |
| IV 4000 | 33.0 | 52.5 | 58.2 | 62.6 | 66.8 | 67.8 | 70.6 | 71.8 | 72.0 | 73.6 | 74.2 | 74.2 | 75.1 | 75.4 | 76.1 | 76.6 |
| IV 3500 | 34.3 | 54.3 | 60.1 | 64.6 | 69.0 | 70.1 | 72.9 | 74.1 | 74.2 | 75.8 | 76.5 | 76.5 | 77.4 | 77.7 | 78.4 | 78.9 |
| IV 3000 | 36.1 | 56.9 | 62.9 | 67.6 | 72.0 | 73.1 | 76.0 | 77.2 | 77.3 | 78.9 | 79.6 | 79.6 | 80.5 | 80.8 | 81.6 | 82.0 |
| IV 2500 | 37.6 | 59.1 | 65.3 | 70.1 | 74.6 | 75.7 | 78.6 | 79.9 | 80.0 | 81.6 | 82.3 | 82.3 | 83.2 | 83.5 | 84.3 | 84.7 |
| IV 2000 | 39.9 | 62.4 | 69.0 | 73.8 | 78.6 | 79.7 | 82.9 | 84.2 | 84.4 | 86.1 | 86.8 | 86.9 | 87.8 | 88.1 | 88.8 | 89.3 |
| IV 1800 | 40.4 | 63.3 | 69.9 | 74.8 | 79.6 | 80.7 | 83.9 | 85.2 | 85.4 | 87.1 | 87.8 | 87.9 | 88.7 | 89.0 | 89.8 | 90.3 |
| IV 1500 | 41.4 | 64.9 | 71.8 | 77.0 | 81.7 | 82.8 | 86.0 | 87.4 | 87.5 | 89.2 | 90.0 | 90.0 | 90.9 | 91.2 | 92.0 | 92.4 |
| IV 1200 | 42.2 | 66.0 | 73.1 | 78.4 | 83.3 | 84.4 | 87.7 | 89.0 | 89.2 | 90.9 | 91.6 | 91.7 | 92.6 | 92.9 | 93.6 | 94.1 |
| IV 1000 | 42.5 | 66.6 | 73.8 | 79.0 | 84.0 | 85.1 | 88.4 | 89.7 | 89.9 | 91.7 | 92.5 | 92.5 | 93.4 | 93.7 | 94.5 | 95.0 |
| IV 900 | 42.7 | 66.8 | 74.0 | 79.3 | 84.2 | 85.4 | 88.8 | 90.1 | 90.3 | 92.0 | 92.8 | 92.9 | 93.7 | 94.1 | 94.9 | 95.3 |
| IV 800 | 42.7 | 67.0 | 74.2 | 79.4 | 84.4 | 85.6 | 89.0 | 90.3 | 90.5 | 92.3 | 93.1 | 93.1 | 94.0 | 94.3 | 95.1 | 95.6 |
| IV 700 | 42.8 | 67.1 | 74.4 | 79.6 | 84.7 | 85.8 | 89.2 | 90.6 | 90.8 | 92.6 | 93.4 | 93.4 | 94.3 | 94.6 | 95.4 | 95.9 |
| IV 600 | 42.8 | 67.2 | 74.5 | 79.8 | 84.8 | 86.0 | 89.5 | 90.8 | 91.0 | 92.8 | 93.6 | 93.6 | 94.5 | 94.9 | 95.7 | 96.2 |
| IV 500 | 42.8 | 67.3 | 74.7 | 80.0 | 85.1 | 86.3 | 89.9 | 91.3 | 91.4 | 93.2 | 94.0 | 94.1 | 95.0 | 95.3 | 96.1 | 96.7 |
| IV 400 | 42.8 | 67.4 | 74.8 | 80.2 | 85.3 | 86.5 | 90.2 | 91.6 | 91.8 | 93.6 | 94.4 | 94.4 | 95.3 | 95.7 | 96.6 | 97.1 |
| IV 300 | 42.8 | 67.4 | 74.8 | 80.2 | 85.4 | 86.6 | 90.4 | 91.9 | 92.0 | 93.9 | 94.8 | 94.8 | 95.8 | 96.1 | 97.0 | 97.5 |
| IV 200 | 42.8 | 67.4 | 74.8 | 80.2 | 85.5 | 86.7 | 90.6 | 92.0 | 92.2 | 94.1 | 95.0 | 95.1 | 96.1 | 96.5 | 97.4 | 98.0 |
| IV 100 | 42.8 | 67.4 | 74.8 | 80.2 | 85.5 | 86.7 | 90.6 | 92.1 | 92.2 | 94.2 | 95.2 | 95.3 | 96.5 | 96.9 | 97.8 | 98.9 |
| IV 0 | 42.8 | 67.4 | 74.8 | 80.2 | 85.5 | 86.7 | 90.6 | 92.1 | 92.2 | 94.2 | 95.2 | 95.3 | 96.5 | 96.9 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2874

USAF ETAC

FORM

JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥.4 | ≥0 |
| NO CEILING | 13.8 | 23.9 | 28.3 | 31.4 | 34.4 | 35.7 | 38.9 | 40.1 | 40.2 | 42.7 | 43.7 | 43.8 | 44.7 | 45.1 | 45.7 | 46.5 |
| ≥ 20000 | 14.6 | 25.2 | 29.6 | 32.9 | 36.1 | 37.3 | 40.6 | 41.7 | 41.8 | 44.4 | 45.4 | 45.5 | 46.5 | 46.8 | 47.4 | 48.2 |
| IV ≥ 18000 | 14.6 | 25.2 | 29.6 | 32.9 | 36.1 | 37.3 | 40.6 | 41.8 | 41.9 | 44.5 | 45.5 | 45.5 | 46.5 | 46.8 | 47.5 | 48.3 |
| IV ≥ 16000 | 14.7 | 25.3 | 29.7 | 33.0 | 36.2 | 37.4 | 40.7 | 41.9 | 42.0 | 44.6 | 45.6 | 45.7 | 46.6 | 46.9 | 47.6 | 48.4 |
| IV ≥ 14000 | 15.0 | 25.7 | 30.3 | 33.6 | 36.8 | 38.0 | 41.3 | 42.5 | 42.6 | 45.2 | 46.2 | 46.2 | 47.2 | 47.5 | 48.2 | 49.0 |
| IV ≥ 12000 | 15.4 | 26.2 | 30.8 | 34.1 | 37.4 | 38.6 | 41.9 | 43.0 | 43.1 | 45.8 | 46.8 | 46.8 | 47.8 | 48.1 | 48.8 | 49.5 |
| IV ≥ 10000 | 16.2 | 27.4 | 32.1 | 35.5 | 38.9 | 40.1 | 43.4 | 44.6 | 44.6 | 47.3 | 48.3 | 48.4 | 49.3 | 49.7 | 50.3 | 51.1 |
| IV ≥ 9000 | 16.8 | 28.2 | 32.9 | 36.3 | 39.7 | 40.9 | 44.2 | 45.4 | 45.5 | 48.1 | 49.1 | 49.2 | 50.2 | 50.5 | 51.2 | 51.9 |
| IV ≥ 8000 | 18.3 | 30.3 | 35.2 | 38.7 | 42.3 | 43.5 | 46.9 | 48.1 | 48.2 | 50.8 | 51.8 | 51.9 | 52.9 | 53.2 | 53.9 | 54.7 |
| IV ≥ 7000 | 19.4 | 31.7 | 36.6 | 40.2 | 43.8 | 45.0 | 48.4 | 49.6 | 49.7 | 52.3 | 53.4 | 53.4 | 54.5 | 54.8 | 55.5 | 56.3 |
| IV ≥ 6000 | 20.4 | 32.8 | 37.8 | 41.6 | 45.2 | 46.4 | 49.9 | 51.0 | 51.1 | 53.8 | 54.8 | 54.9 | 55.9 | 56.2 | 56.9 | 57.7 |
| IV ≥ 5000 | 22.7 | 35.7 | 40.7 | 44.6 | 48.3 | 49.5 | 53.0 | 54.2 | 54.3 | 57.0 | 58.0 | 58.1 | 59.1 | 59.4 | 60.1 | 60.9 |
| IV ≥ 4500 | 24.1 | 37.4 | 42.5 | 46.5 | 50.2 | 51.5 | 55.0 | 56.2 | 56.3 | 59.0 | 60.0 | 60.1 | 61.1 | 61.4 | 62.1 | 62.9 |
| IV ≥ 4000 | 26.0 | 39.6 | 44.8 | 48.9 | 52.8 | 54.0 | 57.6 | 58.9 | 58.9 | 61.6 | 62.7 | 62.7 | 63.7 | 64.0 | 64.7 | 65.5 |
| IV ≥ 3500 | 27.6 | 41.9 | 47.3 | 51.6 | 55.6 | 56.9 | 60.5 | 61.7 | 61.8 | 64.5 | 65.5 | 65.6 | 66.6 | 66.9 | 67.6 | 68.4 |
| IV ≥ 3000 | 29.1 | 44.1 | 49.6 | 54.0 | 58.2 | 59.5 | 63.1 | 64.4 | 64.4 | 67.1 | 68.2 | 68.3 | 69.3 | 69.6 | 70.3 | 71.1 |
| IV ≥ 2500 | 31.0 | 47.2 | 52.9 | 57.5 | 61.9 | 63.2 | 67.0 | 68.3 | 68.3 | 71.1 | 72.1 | 72.2 | 73.2 | 73.6 | 74.3 | 75.1 |
| IV ≥ 2000 | 34.0 | 51.3 | 57.2 | 61.8 | 66.4 | 67.7 | 71.7 | 72.9 | 73.0 | 75.8 | 76.9 | 77.0 | 78.0 | 78.3 | 79.1 | 79.9 |
| IV ≥ 1800 | 34.7 | 52.1 | 58.1 | 62.8 | 67.4 | 68.7 | 72.6 | 73.9 | 74.0 | 76.8 | 77.9 | 78.0 | 79.0 | 79.3 | 80.1 | 80.9 |
| IV ≥ 1500 | 35.6 | 54.0 | 60.3 | 65.1 | 69.8 | 71.1 | 75.1 | 76.4 | 76.5 | 79.4 | 80.5 | 80.5 | 81.5 | 81.9 | 82.6 | 83.5 |
| IV ≥ 1200 | 36.4 | 55.4 | 61.8 | 66.6 | 71.4 | 72.7 | 76.8 | 78.1 | 78.2 | 81.2 | 82.3 | 82.3 | 83.3 | 83.7 | 84.5 | 85.3 |
| IV ≥ 1000 | 36.8 | 56.2 | 62.8 | 67.6 | 72.5 | 73.9 | 78.0 | 79.4 | 79.5 | 82.5 | 83.6 | 83.7 | 84.8 | 85.2 | 85.9 | 86.7 |
| IV ≥ 900 | 37.0 | 56.6 | 63.2 | 68.1 | 73.1 | 74.4 | 78.6 | 79.9 | 80.1 | 83.1 | 84.2 | 84.3 | 85.4 | 85.8 | 86.5 | 87.3 |
| IV ≥ 800 | 37.1 | 57.0 | 63.7 | 68.7 | 73.7 | 75.2 | 79.4 | 80.7 | 80.9 | 83.9 | 85.1 | 85.2 | 86.2 | 86.6 | 87.3 | 88.2 |
| IV ≥ 700 | 37.1 | 57.2 | 63.9 | 68.9 | 74.0 | 75.5 | 79.8 | 81.1 | 81.3 | 84.4 | 85.5 | 85.6 | 86.6 | 87.0 | 87.8 | 88.6 |
| IV ≥ 600 | 37.2 | 57.4 | 64.2 | 69.2 | 74.4 | 75.9 | 80.2 | 81.6 | 81.7 | 84.8 | 86.0 | 86.1 | 87.1 | 87.5 | 88.2 | 89.1 |
| IV ≥ 500 | 37.3 | 57.6 | 64.4 | 69.6 | 74.9 | 76.4 | 80.8 | 82.3 | 82.4 | 85.6 | 86.9 | 86.9 | 88.1 | 88.5 | 89.3 | 90.2 |
| IV ≥ 400 | 37.3 | 57.6 | 64.5 | 69.7 | 75.1 | 76.6 | 81.0 | 82.5 | 82.8 | 86.0 | 87.2 | 87.3 | 88.5 | 88.9 | 89.8 | 90.6 |
| IV ≥ 300 | 37.3 | 57.8 | 64.6 | 69.9 | 75.3 | 76.8 | 81.3 | 82.9 | 83.2 | 86.4 | 87.8 | 87.8 | 89.1 | 89.5 | 90.5 | 91.4 |
| IV ≥ 200 | 37.3 | 57.8 | 64.7 | 70.0 | 75.5 | 77.1 | 81.6 | 83.3 | 83.6 | 87.0 | 88.5 | 88.6 | 90.1 | 90.5 | 91.7 | 92.8 |
| IV ≥ 100 | 37.3 | 57.8 | 64.7 | 70.0 | 75.5 | 77.1 | 81.6 | 83.3 | 83.6 | 87.0 | 88.6 | 88.7 | 90.4 | 91.1 | 92.5 | 94.7 |
| IV ≥ 0 | 37.3 | 57.8 | 64.7 | 70.0 | 75.5 | 77.1 | 81.6 | 83.3 | 83.6 | 87.0 | 88.6 | 88.7 | 90.5 | 91.2 | 92.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 10.4 | 14.6 | 17.3 | 19.3 | 22.8 | 24.3 | 27.2 | 28.6 | 28.9 | 30.4 | 31.4 | 31.5 | 32.3 | 32.4 | 33.1 | 34.1 |
| ≥ 20000 | 11.7 | 16.5 | 19.6 | 22.0 | 25.7 | 27.4 | 30.6 | 32.2 | 32.5 | 34.2 | 35.3 | 35.4 | 36.2 | 36.4 | 37.1 | 38.1 |
| ≥ 18000 | 11.8 | 16.6 | 19.7 | 22.2 | 25.9 | 27.6 | 30.8 | 32.4 | 32.7 | 34.4 | 35.5 | 35.6 | 36.4 | 36.6 | 37.3 | 38.4 |
| ≥ 16000 | 12.0 | 17.0 | 20.1 | 22.6 | 26.4 | 28.0 | 31.3 | 32.8 | 33.2 | 34.9 | 36.0 | 36.1 | 36.9 | 37.1 | 37.8 | 38.8 |
| ≥ 14000 | 12.5 | 17.6 | 20.8 | 23.3 | 27.1 | 28.8 | 32.1 | 33.8 | 34.1 | 35.8 | 36.9 | 37.0 | 37.8 | 38.0 | 38.7 | 39.7 |
| ≥ 12000 | 13.4 | 18.9 | 22.0 | 24.8 | 28.6 | 30.3 | 33.7 | 35.4 | 35.7 | 37.4 | 38.5 | 38.6 | 39.4 | 39.6 | 40.3 | 41.3 |
| ≥ 10000 | 14.5 | 20.1 | 23.5 | 26.3 | 30.3 | 32.2 | 35.7 | 37.4 | 37.7 | 39.4 | 40.5 | 40.6 | 41.4 | 41.6 | 42.4 | 43.5 |
| ≥ 9000 | 15.0 | 20.2 | 24.3 | 27.1 | 31.2 | 33.0 | 36.6 | 38.3 | 38.6 | 40.4 | 41.5 | 41.6 | 42.4 | 42.6 | 43.4 | 44.5 |
| ≥ 8000 | 15.9 | 22.6 | 25.5 | 28.5 | 32.7 | 34.5 | 38.2 | 39.9 | 40.3 | 42.1 | 43.2 | 43.4 | 44.2 | 44.4 | 45.2 | 46.2 |
| ≥ 7000 | 16.9 | 23.2 | 26.9 | 29.9 | 34.1 | 35.9 | 39.7 | 41.4 | 41.7 | 43.6 | 44.7 | 44.8 | 45.7 | 45.9 | 46.7 | 47.7 |
| ≥ 6000 | 17.6 | 24.4 | 28.0 | 31.1 | 35.3 | 37.2 | 41.0 | 42.7 | 43.0 | 45.0 | 46.1 | 46.2 | 47.0 | 47.3 | 48.1 | 49.1 |
| ≥ 5000 | 19.4 | 26.8 | 30.6 | 33.8 | 38.1 | 40.0 | 43.8 | 45.7 | 46.0 | 47.9 | 49.1 | 49.2 | 50.0 | 50.2 | 51.0 | 52.1 |
| ≥ 4500 | 21.0 | 28.7 | 32.6 | 35.8 | 40.3 | 42.2 | 46.1 | 47.9 | 48.2 | 50.1 | 51.3 | 51.4 | 52.2 | 52.5 | 53.2 | 54.3 |
| ≥ 4000 | 22.7 | 31.1 | 35.1 | 38.3 | 42.8 | 44.7 | 48.7 | 50.6 | 50.9 | 52.9 | 54.1 | 54.2 | 55.0 | 55.3 | 56.0 | 57.1 |
| ≥ 3500 | 24.5 | 33.5 | 37.7 | 41.0 | 45.6 | 47.5 | 51.5 | 53.5 | 53.9 | 55.8 | 57.0 | 57.1 | 57.9 | 58.2 | 58.9 | 60.0 |
| ≥ 3000 | 26.0 | 35.9 | 40.3 | 43.7 | 48.5 | 50.5 | 54.6 | 56.6 | 57.0 | 58.9 | 60.1 | 60.2 | 61.0 | 61.3 | 62.0 | 63.1 |
| ≥ 2500 | 28.1 | 39.2 | 43.8 | 47.6 | 52.6 | 54.8 | 59.0 | 61.2 | 61.6 | 63.5 | 64.8 | 64.9 | 65.8 | 66.0 | 66.8 | 67.9 |
| ≥ 2000 | 30.7 | 42.6 | 47.5 | 51.3 | 56.7 | 58.8 | 63.2 | 65.4 | 65.7 | 68.0 | 69.3 | 69.3 | 70.3 | 70.6 | 71.3 | 72.4 |
| ≥ 1800 | 31.2 | 43.6 | 48.4 | 52.3 | 57.7 | 59.8 | 64.2 | 66.4 | 66.7 | 69.0 | 70.4 | 70.5 | 71.4 | 71.6 | 72.4 | 73.5 |
| ≥ 1500 | 32.4 | 45.6 | 50.6 | 54.6 | 60.2 | 62.3 | 66.8 | 69.0 | 69.3 | 71.7 | 73.1 | 73.2 | 74.1 | 74.4 | 75.2 | 76.2 |
| ≥ 1200 | 33.4 | 47.0 | 52.1 | 56.3 | 62.0 | 64.2 | 68.8 | 71.1 | 71.4 | 73.9 | 75.4 | 75.5 | 76.4 | 76.7 | 77.5 | 78.5 |
| ≥ 1000 | 33.8 | 47.9 | 53.2 | 57.5 | 63.4 | 65.7 | 70.5 | 73.0 | 73.5 | 76.0 | 77.5 | 77.7 | 78.6 | 78.8 | 79.6 | 80.7 |
| ≥ 900 | 34.0 | 48.2 | 53.6 | 57.9 | 63.8 | 66.1 | 70.9 | 73.5 | 74.0 | 76.6 | 78.1 | 78.3 | 79.2 | 79.5 | 80.2 | 81.3 |
| ≥ 800 | 34.1 | 48.5 | 54.0 | 58.5 | 64.6 | 66.9 | 71.8 | 74.5 | 74.9 | 77.7 | 79.2 | 79.4 | 80.4 | 80.7 | 81.4 | 82.5 |
| ≥ 700 | 34.2 | 48.7 | 54.3 | 58.8 | 65.0 | 67.3 | 72.4 | 75.3 | 75.8 | 78.6 | 80.2 | 80.3 | 81.4 | 81.6 | 82.4 | 83.5 |
| ≥ 600 | 34.3 | 49.0 | 54.7 | 59.4 | 65.8 | 68.2 | 73.3 | 76.4 | 76.9 | 79.7 | 81.3 | 81.5 | 82.6 | 82.8 | 83.6 | 84.7 |
| ≥ 500 | 34.4 | 49.1 | 54.8 | 59.6 | 66.1 | 68.5 | 73.8 | 77.0 | 77.6 | 80.4 | 82.3 | 82.4 | 83.6 | 83.9 | 84.6 | 85.7 |
| ≥ 400 | 34.4 | 49.1 | 54.9 | 59.7 | 66.4 | 68.8 | 74.1 | 77.5 | 78.0 | 81.1 | 83.0 | 83.1 | 84.5 | 84.7 | 85.6 | 86.8 |
| ≥ 300 | 34.4 | 49.2 | 54.9 | 59.8 | 66.5 | 69.0 | 74.4 | 77.7 | 78.3 | 81.7 | 83.9 | 84.0 | 85.6 | 86.0 | 87.0 | 88.5 |
| ≥ 200 | 34.4 | 49.2 | 55.0 | 59.8 | 66.6 | 69.1 | 74.5 | 78.0 | 78.6 | 82.3 | 84.5 | 84.8 | 86.7 | 87.3 | 88.8 | 90.7 |
| ≥ 100 | 34.4 | 49.2 | 55.0 | 59.8 | 66.6 | 69.1 | 74.5 | 78.1 | 78.6 | 82.4 | 84.7 | 85.0 | 87.2 | 87.9 | 90.0 | 94.2 |
| ≥ 0 | 34.4 | 49.2 | 55.0 | 59.8 | 66.6 | 69.1 | 74.5 | 78.1 | 78.7 | 82.5 | 84.8 | 85.0 | 87.3 | 88.1 | 90.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2874

21

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0900-1100
HOURS (EST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0 |
| NO CEILING | 14.0 | 20.9 | 23.9 | 27.5 | 31.4 | 32.8 | 34.2 | 35.5 | 35.9 | 36.9 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 20000 | 16.2 | 24.0 | 27.0 | 30.9 | 35.2 | 36.7 | 38.5 | 40.0 | 40.5 | 41.6 | 42.0 | 42.0 | 42.1 | 42.1 | 42.2 | 42.2 |
| IV ≥ 18000 | 16.5 | 24.2 | 27.2 | 31.1 | 35.5 | 36.9 | 38.7 | 40.3 | 40.7 | 41.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.4 | 42.4 |
| IV ≥ 16000 | 16.6 | 24.8 | 27.8 | 31.7 | 36.1 | 37.6 | 39.4 | 40.9 | 41.4 | 42.6 | 42.9 | 42.9 | 43.0 | 43.0 | 43.1 | 43.1 |
| IV ≥ 14000 | 17.3 | 25.4 | 28.5 | 32.4 | 36.8 | 38.3 | 40.1 | 41.7 | 42.1 | 43.3 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 |
| IV ≥ 12000 | 18.0 | 26.3 | 29.4 | 33.4 | 38.0 | 39.5 | 41.4 | 43.0 | 43.4 | 44.6 | 45.0 | 45.0 | 45.1 | 45.1 | 45.1 | 45.1 |
| IV ≥ 10000 | 19.1 | 27.8 | 30.9 | 34.9 | 39.7 | 41.3 | 43.2 | 44.8 | 45.3 | 46.5 | 46.8 | 46.8 | 46.9 | 46.9 | 47.0 | 47.0 |
| IV ≥ 9000 | 19.5 | 28.2 | 31.4 | 35.4 | 40.3 | 41.9 | 43.8 | 45.5 | 46.0 | 47.1 | 47.5 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 |
| IV ≥ 8000 | 20.9 | 30.1 | 33.3 | 37.4 | 42.3 | 44.0 | 45.9 | 47.6 | 48.1 | 49.2 | 49.6 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 |
| IV ≥ 7000 | 22.0 | 31.2 | 34.6 | 38.8 | 43.6 | 45.3 | 47.4 | 49.0 | 49.5 | 50.7 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 |
| IV ≥ 6000 | 22.8 | 32.2 | 35.7 | 39.9 | 44.9 | 46.6 | 48.6 | 50.3 | 50.7 | 51.9 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 |
| IV ≥ 5000 | 25.1 | 34.9 | 38.6 | 42.8 | 47.8 | 49.5 | 51.3 | 53.2 | 53.7 | 54.9 | 55.3 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 |
| IV ≥ 4500 | 26.5 | 36.5 | 40.2 | 44.5 | 49.5 | 51.3 | 53.3 | 55.0 | 55.5 | 56.7 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 |
| IV ≥ 4000 | 28.6 | 38.9 | 42.8 | 47.3 | 52.4 | 54.2 | 56.3 | 58.1 | 58.5 | 59.7 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 |
| IV ≥ 3500 | 30.2 | 40.9 | 44.8 | 49.4 | 54.7 | 56.5 | 58.6 | 60.4 | 60.9 | 62.1 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 |
| IV ≥ 3000 | 32.4 | 43.5 | 47.6 | 52.4 | 57.9 | 59.7 | 61.8 | 63.7 | 64.2 | 65.4 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 |
| IV ≥ 2500 | 36.8 | 49.3 | 53.6 | 58.7 | 64.6 | 66.5 | 68.9 | 70.8 | 71.3 | 72.6 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 |
| IV ≥ 2000 | 40.4 | 53.8 | 58.3 | 63.5 | 69.6 | 71.5 | 74.0 | 76.0 | 76.5 | 77.8 | 78.4 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 |
| IV ≥ 1800 | 41.1 | 54.9 | 59.3 | 64.6 | 70.8 | 72.8 | 75.3 | 77.2 | 77.7 | 79.1 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 |
| IV ≥ 1500 | 42.4 | 57.0 | 61.7 | 67.2 | 73.6 | 75.6 | 78.3 | 80.3 | 80.8 | 82.2 | 82.7 | 82.7 | 82.9 | 82.9 | 83.0 | 83.0 |
| IV ≥ 1200 | 43.6 | 58.7 | 63.5 | 69.2 | 75.9 | 77.9 | 80.7 | 82.9 | 83.4 | 85.0 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV ≥ 1000 | 44.1 | 59.6 | 64.6 | 70.6 | 77.8 | 80.0 | 83.2 | 85.4 | 85.9 | 87.6 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 |
| IV ≥ 900 | 44.1 | 60.0 | 65.1 | 71.3 | 78.5 | 80.8 | 84.2 | 86.4 | 87.0 | 88.7 | 89.3 | 89.3 | 89.5 | 89.5 | 89.6 | 89.6 |
| IV ≥ 800 | 44.2 | 60.1 | 65.3 | 71.6 | 78.9 | 81.2 | 84.9 | 87.3 | 87.8 | 89.8 | 90.4 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 |
| IV ≥ 700 | 44.2 | 60.3 | 65.3 | 71.8 | 79.4 | 81.7 | 85.6 | 88.2 | 88.7 | 90.8 | 91.6 | 91.6 | 91.8 | 91.8 | 91.9 | 91.9 |
| IV ≥ 600 | 44.2 | 60.3 | 65.6 | 72.0 | 79.8 | 82.3 | 86.4 | 89.2 | 89.8 | 92.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 |
| IV ≥ 500 | 44.2 | 60.4 | 65.7 | 72.2 | 80.1 | 82.7 | 87.1 | 89.9 | 90.6 | 93.0 | 94.2 | 94.2 | 94.6 | 94.7 | 94.8 | 94.8 |
| IV ≥ 400 | 44.2 | 60.4 | 65.7 | 72.3 | 80.2 | 83.0 | 87.5 | 90.5 | 91.2 | 93.9 | 95.3 | 95.3 | 95.9 | 95.9 | 96.1 | 96.1 |
| IV ≥ 300 | 44.2 | 60.5 | 65.8 | 72.3 | 80.3 | 83.2 | 87.8 | 90.9 | 91.6 | 94.6 | 96.3 | 96.4 | 97.1 | 97.2 | 97.4 | 97.5 |
| IV ≥ 200 | 44.2 | 60.5 | 65.8 | 72.3 | 80.3 | 83.2 | 87.8 | 90.9 | 91.6 | 94.7 | 96.5 | 96.6 | 97.6 | 97.9 | 98.2 | 98.4 |
| IV ≥ 100 | 44.2 | 60.5 | 65.8 | 72.3 | 80.3 | 83.2 | 87.8 | 90.9 | 91.7 | 94.8 | 96.6 | 96.7 | 97.8 | 98.2 | 98.7 | 99.1 |
| IV ≥ 0 | 44.2 | 60.5 | 65.8 | 72.3 | 80.3 | 83.2 | 87.8 | 91.0 | 91.7 | 94.8 | 96.6 | 96.8 | 97.9 | 98.3 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2874

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥0.9 | ≥0.8 | ≥0.7 | ≥0.6 | ≥0.5 | ≥0 |
| NO CEILING | 23.6 | 34.3 | 37.5 | 40.7 | 43.5 | 44.0 | 44.7 | 45.4 | 45.5 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 20000 | 27.5 | 39.3 | 42.8 | 46.3 | 49.6 | 50.1 | 51.1 | 51.9 | 52.1 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 18000 | 27.0 | 39.6 | 43.0 | 46.5 | 49.8 | 50.3 | 51.3 | 52.1 | 52.3 | 52.6 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 16000 | 28.0 | 39.9 | 43.4 | 46.9 | 50.4 | 50.9 | 51.9 | 52.8 | 53.0 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 14000 | 28.5 | 40.7 | 44.2 | 47.7 | 51.2 | 51.7 | 52.8 | 53.7 | 53.9 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 12000 | 29.2 | 41.6 | 45.1 | 48.6 | 52.4 | 52.9 | 54.0 | 54.9 | 55.1 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 10000 | 30.1 | 42.8 | 46.5 | 50.2 | 53.8 | 54.4 | 55.4 | 56.3 | 56.6 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| IV 9000 | 30.7 | 43.5 | 47.2 | 50.9 | 54.6 | 55.1 | 56.2 | 57.1 | 57.3 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 8000 | 31.6 | 44.7 | 48.3 | 52.3 | 56.0 | 56.5 | 57.6 | 58.5 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| IV 7000 | 33.4 | 46.6 | 50.4 | 54.4 | 58.0 | 58.6 | 59.7 | 60.7 | 60.8 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| IV 6000 | 34.3 | 47.8 | 51.5 | 55.6 | 59.4 | 59.9 | 61.0 | 62.0 | 62.1 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 5000 | 36.6 | 50.5 | 54.3 | 58.4 | 62.2 | 62.7 | 63.8 | 64.8 | 65.0 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 4500 | 38.3 | 52.3 | 56.2 | 60.3 | 64.2 | 64.7 | 65.8 | 66.8 | 67.0 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| IV 4000 | 40.7 | 55.1 | 59.1 | 63.4 | 67.3 | 67.8 | 69.0 | 70.0 | 70.1 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| IV 3500 | 43.3 | 58.3 | 62.3 | 66.8 | 70.9 | 71.5 | 72.6 | 73.7 | 73.9 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| IV 3000 | 47.9 | 63.4 | 67.8 | 72.4 | 76.7 | 77.3 | 78.4 | 79.5 | 79.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 2500 | 52.0 | 68.4 | 73.1 | 77.5 | 82.3 | 82.9 | 84.1 | 85.2 | 85.4 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| IV 2000 | 55.0 | 72.2 | 77.2 | 82.0 | 86.7 | 87.3 | 88.6 | 89.7 | 89.9 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 1800 | 55.4 | 72.9 | 77.9 | 82.8 | 87.6 | 88.2 | 89.5 | 90.7 | 90.9 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 1500 | 56.2 | 74.4 | 79.6 | 84.6 | 89.6 | 90.2 | 91.7 | 92.9 | 93.1 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 1200 | 56.8 | 75.2 | 80.4 | 85.6 | 91.3 | 91.9 | 93.7 | 94.9 | 95.2 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1000 | 57.1 | 75.8 | 81.1 | 86.4 | 92.4 | 93.1 | 94.9 | 96.1 | 96.4 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 900 | 57.1 | 75.9 | 81.2 | 86.5 | 92.6 | 93.4 | 95.3 | 96.7 | 96.9 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 800 | 57.1 | 76.0 | 81.3 | 86.7 | 92.7 | 93.5 | 95.6 | 97.1 | 97.4 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 700 | 57.1 | 76.0 | 81.3 | 86.7 | 92.7 | 93.6 | 95.8 | 97.4 | 97.7 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 600 | 57.2 | 76.1 | 81.4 | 86.8 | 92.9 | 93.8 | 96.0 | 97.6 | 98.1 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 500 | 57.2 | 76.2 | 81.5 | 86.9 | 93.0 | 93.9 | 96.2 | 97.8 | 98.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 57.2 | 76.2 | 81.5 | 86.9 | 93.0 | 93.9 | 96.2 | 97.8 | 98.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 300 | 57.2 | 76.2 | 81.5 | 87.0 | 93.1 | 93.9 | 96.2 | 97.8 | 98.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 57.2 | 76.2 | 81.5 | 87.0 | 93.1 | 93.9 | 96.2 | 97.8 | 98.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 57.2 | 76.2 | 81.5 | 87.0 | 93.1 | 93.9 | 96.2 | 97.8 | 98.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 57.2 | 76.2 | 81.5 | 87.0 | 93.1 | 93.9 | 96.2 | 97.8 | 98.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

2977

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSSEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 34.1 | 42.5 | 45.4 | 46.8 | 49.4 | 49.7 | 50.4 | 50.6 | 50.6 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 20000 | 39.5 | 49.1 | 52.2 | 54.0 | 57.1 | 57.6 | 58.5 | 58.8 | 59.0 | 59.3 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 18000 | 39.6 | 49.4 | 52.6 | 54.3 | 57.4 | 58.0 | 58.8 | 59.1 | 59.3 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 16000 | 39.9 | 49.8 | 53.0 | 54.8 | 57.9 | 58.5 | 59.3 | 59.7 | 59.8 | 60.2 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 14000 | 40.8 | 50.8 | 54.0 | 55.9 | 59.2 | 59.8 | 60.6 | 61.1 | 61.2 | 61.6 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 12000 | 41.9 | 52.2 | 55.6 | 57.6 | 60.9 | 61.5 | 62.3 | 62.8 | 63.0 | 63.4 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 10000 | 43.2 | 54.0 | 57.4 | 59.3 | 62.7 | 63.3 | 64.1 | 64.6 | 64.8 | 65.2 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 8000 | 43.7 | 54.7 | 58.0 | 60.1 | 63.5 | 64.1 | 64.9 | 65.4 | 65.6 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 7000 | 45.3 | 56.6 | 59.9 | 62.1 | 65.6 | 66.2 | 67.1 | 67.6 | 67.7 | 68.2 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 6000 | 46.9 | 58.2 | 61.7 | 63.8 | 67.4 | 68.0 | 68.8 | 69.3 | 69.5 | 69.9 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 5000 | 48.1 | 59.6 | 63.1 | 65.3 | 68.9 | 69.5 | 70.3 | 70.8 | 71.0 | 71.4 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 4500 | 51.2 | 63.0 | 66.7 | 68.9 | 72.6 | 73.2 | 74.1 | 74.6 | 74.8 | 75.3 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4000 | 52.5 | 64.5 | 68.3 | 70.7 | 74.4 | 75.0 | 75.9 | 76.4 | 76.6 | 77.1 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 3500 | 54.5 | 67.0 | 70.8 | 73.2 | 77.1 | 77.7 | 78.6 | 79.2 | 79.4 | 79.8 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 3000 | 56.9 | 70.0 | 74.0 | 76.6 | 80.5 | 81.3 | 82.2 | 82.8 | 83.0 | 83.5 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 2500 | 59.9 | 73.6 | 77.8 | 80.8 | 85.0 | 85.7 | 86.7 | 87.3 | 87.5 | 88.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 2000 | 62.4 | 76.8 | 81.2 | 84.4 | 88.8 | 89.6 | 90.7 | 91.4 | 91.6 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1800 | 64.3 | 79.3 | 83.8 | 87.2 | 91.8 | 92.7 | 93.9 | 94.6 | 94.8 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 64.4 | 79.6 | 84.2 | 87.5 | 92.2 | 93.1 | 94.3 | 95.1 | 95.3 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 64.6 | 80.3 | 85.0 | 88.4 | 93.2 | 94.1 | 95.5 | 96.2 | 96.4 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 64.7 | 80.7 | 85.4 | 88.7 | 93.6 | 94.5 | 96.1 | 96.8 | 97.1 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 900 | 64.9 | 81.1 | 85.8 | 89.2 | 94.1 | 95.0 | 96.8 | 97.7 | 97.9 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 64.9 | 81.2 | 85.9 | 89.3 | 94.2 | 95.2 | 97.0 | 98.0 | 98.3 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 64.9 | 81.2 | 85.9 | 89.3 | 94.3 | 95.2 | 97.1 | 98.1 | 98.4 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 64.9 | 81.2 | 85.9 | 89.3 | 94.3 | 95.3 | 97.2 | 98.2 | 98.5 | 99.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.3 | 97.3 | 98.2 | 98.5 | 99.2 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.3 | 97.3 | 98.2 | 98.5 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.3 | 97.3 | 98.2 | 98.5 | 99.3 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.4 | 97.3 | 98.3 | 98.6 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.4 | 97.3 | 98.3 | 98.6 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 64.9 | 81.2 | 85.9 | 89.3 | 94.4 | 95.4 | 97.3 | 98.3 | 98.6 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2873

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

SEP

CATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5-16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.3 | 43.4 | 46.6 | 49.7 | 52.2 | 52.6 | 54.1 | 54.6 | 54.7 | 55.3 | 55.9 | 55.9 | 56.2 | 56.3 | 56.3 | 56.3 |
| ≥ 20000 | 35.2 | 47.3 | 50.9 | 54.3 | 57.1 | 57.6 | 59.3 | 60.1 | 60.3 | 61.0 | 61.7 | 61.8 | 62.1 | 62.2 | 62.2 | 62.2 |
| ≥ 18000 | 35.4 | 47.5 | 51.2 | 54.6 | 57.4 | 57.9 | 59.6 | 60.4 | 60.6 | 61.3 | 62.0 | 62.1 | 62.4 | 62.5 | 62.5 | 62.5 |
| ≥ 16000 | 35.8 | 48.0 | 51.6 | 55.0 | 57.8 | 58.4 | 60.1 | 60.9 | 61.0 | 61.8 | 62.5 | 62.6 | 62.9 | 63.0 | 63.0 | 63.0 |
| ≥ 14000 | 36.6 | 49.0 | 52.7 | 56.2 | 59.0 | 59.6 | 61.3 | 62.2 | 62.4 | 63.1 | 63.8 | 63.9 | 64.2 | 64.3 | 64.3 | 64.3 |
| ≥ 12000 | 37.7 | 50.3 | 54.1 | 57.7 | 60.6 | 61.2 | 62.9 | 63.8 | 64.0 | 64.7 | 65.5 | 65.5 | 65.9 | 65.9 | 65.9 | 66.0 |
| ≥ 10000 | 38.9 | 51.9 | 55.7 | 59.3 | 62.4 | 63.0 | 64.7 | 65.5 | 65.7 | 66.5 | 67.2 | 67.3 | 67.6 | 67.7 | 67.7 | 67.7 |
| ≥ 9000 | 39.6 | 52.8 | 56.7 | 60.4 | 63.5 | 64.1 | 65.8 | 66.6 | 66.9 | 67.6 | 68.3 | 68.4 | 68.8 | 68.8 | 68.8 | 68.9 |
| ≥ 8000 | 41.3 | 54.7 | 58.9 | 62.6 | 65.8 | 66.4 | 68.1 | 69.0 | 69.2 | 70.0 | 70.7 | 70.8 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 7000 | 43.2 | 57.0 | 61.2 | 65.0 | 68.2 | 68.8 | 70.6 | 71.5 | 71.7 | 72.5 | 73.2 | 73.3 | 73.7 | 73.7 | 73.7 | 73.8 |
| ≥ 6000 | 44.5 | 58.6 | 63.0 | 66.8 | 70.1 | 70.7 | 72.5 | 73.4 | 73.6 | 74.4 | 75.1 | 75.2 | 75.5 | 75.6 | 75.6 | 75.7 |
| ≥ 5000 | 46.7 | 61.4 | 65.8 | 69.7 | 73.1 | 73.7 | 75.5 | 76.4 | 76.6 | 77.4 | 78.2 | 78.2 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 4500 | 47.6 | 62.5 | 67.0 | 71.0 | 74.6 | 75.2 | 77.0 | 77.9 | 78.1 | 78.9 | 79.6 | 79.7 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 4000 | 49.3 | 64.8 | 69.6 | 73.7 | 77.3 | 77.9 | 79.7 | 80.6 | 80.8 | 81.6 | 82.4 | 82.5 | 82.9 | 82.9 | 83.0 | 83.0 |
| ≥ 3500 | 51.4 | 67.5 | 72.4 | 76.6 | 80.3 | 80.9 | 82.8 | 83.7 | 83.9 | 84.7 | 85.6 | 85.7 | 86.1 | 86.1 | 86.1 | 86.2 |
| ≥ 3000 | 53.4 | 70.3 | 75.3 | 79.7 | 83.6 | 84.2 | 86.3 | 87.2 | 87.4 | 88.3 | 89.3 | 89.3 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 2500 | 55.3 | 72.5 | 77.7 | 82.2 | 86.1 | 86.8 | 89.1 | 90.1 | 90.3 | 91.2 | 92.1 | 92.2 | 92.6 | 92.6 | 92.6 | 92.7 |
| ≥ 2000 | 56.5 | 74.5 | 79.9 | 84.7 | 88.7 | 89.4 | 91.8 | 92.7 | 92.9 | 93.8 | 94.7 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 |
| ≥ 1800 | 56.7 | 74.8 | 80.4 | 85.2 | 89.3 | 89.9 | 92.3 | 93.3 | 93.5 | 94.4 | 95.3 | 95.4 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 1500 | 57.1 | 75.7 | 81.4 | 86.4 | 90.6 | 91.3 | 93.8 | 94.9 | 95.1 | 96.1 | 97.0 | 97.0 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 57.2 | 76.0 | 81.7 | 86.7 | 90.9 | 91.6 | 94.3 | 95.4 | 95.6 | 96.7 | 97.6 | 97.7 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 1000 | 57.2 | 76.0 | 81.8 | 86.9 | 91.1 | 91.5 | 94.6 | 95.8 | 96.0 | 97.1 | 98.1 | 98.2 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 900 | 57.3 | 76.1 | 81.9 | 87.0 | 91.3 | 92.0 | 94.8 | 96.0 | 96.2 | 97.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 800 | 57.3 | 76.2 | 82.0 | 87.1 | 91.5 | 92.2 | 95.1 | 96.2 | 96.4 | 97.6 | 98.6 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 700 | 57.3 | 76.2 | 82.1 | 87.2 | 91.6 | 92.4 | 95.3 | 96.4 | 96.6 | 97.8 | 98.9 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 600 | 57.3 | 76.2 | 82.1 | 87.2 | 91.6 | 92.4 | 95.3 | 96.5 | 96.7 | 98.1 | 99.1 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 500 | 57.3 | 76.2 | 82.1 | 87.2 | 91.6 | 92.4 | 95.3 | 96.5 | 96.8 | 98.1 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 57.3 | 76.2 | 82.1 | 87.2 | 91.7 | 92.5 | 95.4 | 96.6 | 96.8 | 98.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | 57.3 | 76.2 | 82.1 | 87.2 | 91.7 | 92.5 | 95.4 | 96.6 | 96.9 | 98.3 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 57.3 | 76.2 | 82.1 | 87.2 | 91.7 | 92.5 | 95.4 | 96.7 | 96.9 | 98.3 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 57.3 | 76.2 | 82.1 | 87.2 | 91.7 | 92.5 | 95.4 | 96.7 | 96.9 | 98.3 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 57.3 | 76.2 | 82.1 | 87.2 | 91.7 | 92.5 | 95.4 | 96.7 | 96.9 | 98.3 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2875

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSSEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .125 | ≥ .0625 | ≥ 0 |
| NO CEILING | 28.9 | 43.7 | 48.9 | 52.6 | 56.4 | 57.1 | 58.6 | 59.1 | 59.3 | 60.1 | 60.6 | 60.6 | 61.1 | 61.3 | 61.5 | 61.7 |
| ≥ 20000 | 30.3 | 45.7 | 51.0 | 54.9 | 59.0 | 59.8 | 61.3 | 61.9 | 62.1 | 63.0 | 63.5 | 63.5 | 64.1 | 64.3 | 64.6 | 64.8 |
| ≥ 18000 | 30.4 | 45.8 | 51.1 | 55.0 | 59.1 | 59.9 | 61.4 | 62.0 | 62.2 | 63.1 | 63.6 | 63.7 | 64.2 | 64.5 | 64.7 | 64.9 |
| ≥ 16000 | 30.6 | 46.1 | 51.4 | 55.3 | 59.3 | 60.2 | 61.7 | 62.3 | 62.5 | 63.3 | 63.9 | 63.9 | 64.5 | 64.7 | 64.9 | 65.2 |
| ≥ 14000 | 31.0 | 46.6 | 51.9 | 56.0 | 60.0 | 60.8 | 62.3 | 62.9 | 63.2 | 64.0 | 64.6 | 64.6 | 65.1 | 65.4 | 65.6 | 65.9 |
| ≥ 12000 | 31.7 | 47.7 | 53.0 | 57.1 | 61.1 | 61.9 | 63.4 | 64.1 | 64.3 | 65.2 | 65.8 | 65.8 | 66.4 | 66.6 | 66.8 | 67.1 |
| ≥ 10000 | 32.7 | 49.1 | 54.5 | 58.5 | 62.6 | 63.4 | 64.9 | 65.6 | 65.8 | 66.7 | 67.2 | 67.3 | 67.8 | 68.1 | 68.3 | 68.6 |
| ≥ 9000 | 33.3 | 49.8 | 55.3 | 59.4 | 63.5 | 64.3 | 65.8 | 66.5 | 66.7 | 67.6 | 68.2 | 68.2 | 68.8 | 69.0 | 69.2 | 69.5 |
| ≥ 8000 | 35.0 | 52.2 | 57.8 | 61.9 | 66.0 | 66.9 | 68.4 | 69.1 | 69.3 | 70.2 | 70.7 | 70.8 | 71.3 | 71.6 | 71.8 | 72.1 |
| ≥ 7000 | 36.2 | 53.9 | 59.5 | 63.6 | 67.7 | 68.5 | 70.1 | 70.7 | 71.0 | 71.9 | 72.4 | 72.5 | 73.0 | 73.3 | 73.5 | 73.7 |
| ≥ 6000 | 37.9 | 56.0 | 61.6 | 65.8 | 69.9 | 70.7 | 72.3 | 73.0 | 73.2 | 74.1 | 74.6 | 74.7 | 75.2 | 75.5 | 75.7 | 76.0 |
| ≥ 5000 | 40.1 | 58.9 | 64.7 | 69.1 | 73.3 | 74.1 | 75.7 | 76.3 | 76.6 | 77.5 | 78.0 | 78.1 | 78.6 | 78.9 | 79.1 | 79.3 |
| ≥ 4500 | 41.1 | 60.1 | 66.1 | 70.5 | 74.9 | 75.7 | 77.3 | 78.0 | 78.2 | 79.1 | 79.7 | 79.7 | 80.2 | 80.5 | 80.7 | 81.0 |
| ≥ 4000 | 42.5 | 61.9 | 68.1 | 72.6 | 76.9 | 77.8 | 79.5 | 80.2 | 80.5 | 81.3 | 81.9 | 81.9 | 82.5 | 82.7 | 82.9 | 83.2 |
| ≥ 3500 | 44.4 | 64.2 | 70.5 | 75.1 | 79.5 | 80.4 | 82.1 | 82.8 | 83.1 | 83.9 | 84.5 | 84.6 | 85.1 | 85.4 | 85.6 | 85.8 |
| ≥ 3000 | 45.4 | 65.7 | 72.2 | 76.8 | 81.4 | 82.3 | 84.0 | 84.7 | 84.9 | 85.9 | 86.5 | 86.6 | 87.1 | 87.4 | 87.6 | 87.9 |
| ≥ 2500 | 46.9 | 68.1 | 74.6 | 79.4 | 84.2 | 85.2 | 87.1 | 87.8 | 88.0 | 89.0 | 89.7 | 89.7 | 90.3 | 90.5 | 90.7 | 91.0 |
| ≥ 2000 | 48.7 | 70.9 | 77.7 | 82.6 | 87.7 | 88.7 | 90.7 | 91.4 | 91.7 | 92.7 | 93.4 | 93.4 | 93.9 | 94.2 | 94.4 | 94.7 |
| ≥ 1800 | 48.9 | 71.2 | 78.1 | 83.0 | 88.1 | 89.1 | 91.1 | 91.8 | 92.0 | 93.1 | 93.8 | 93.8 | 94.4 | 94.6 | 94.8 | 95.1 |
| ≥ 1500 | 49.3 | 71.9 | 79.0 | 84.0 | 89.1 | 90.2 | 92.2 | 92.9 | 93.1 | 94.3 | 95.0 | 95.0 | 95.5 | 95.8 | 96.0 | 96.3 |
| ≥ 1200 | 49.5 | 72.3 | 79.4 | 84.5 | 89.8 | 90.8 | 92.9 | 93.6 | 93.8 | 95.0 | 95.7 | 95.7 | 96.2 | 96.5 | 96.7 | 97.0 |
| ≥ 1000 | 49.6 | 72.6 | 79.7 | 84.8 | 90.2 | 91.2 | 93.4 | 94.1 | 94.3 | 95.5 | 96.2 | 96.2 | 96.8 | 97.1 | 97.3 | 97.6 |
| ≥ 900 | 49.7 | 72.8 | 80.1 | 85.3 | 90.7 | 91.7 | 93.8 | 94.5 | 94.8 | 95.9 | 96.7 | 96.7 | 97.3 | 97.5 | 97.7 | 98.0 |
| ≥ 800 | 49.8 | 73.0 | 80.3 | 85.5 | 91.0 | 92.0 | 94.2 | 94.9 | 95.1 | 96.3 | 97.0 | 97.0 | 97.6 | 97.9 | 98.1 | 98.4 |
| ≥ 700 | 49.8 | 73.1 | 80.4 | 85.6 | 91.1 | 92.1 | 94.3 | 95.1 | 95.3 | 96.5 | 97.2 | 97.2 | 97.8 | 98.1 | 98.3 | 98.6 |
| ≥ 600 | 49.8 | 73.1 | 80.4 | 85.6 | 91.2 | 92.2 | 94.6 | 95.3 | 95.6 | 96.8 | 97.5 | 97.6 | 98.2 | 98.4 | 98.7 | 99.0 |
| ≥ 500 | 49.8 | 73.1 | 80.4 | 85.6 | 91.2 | 92.2 | 94.6 | 95.3 | 95.8 | 97.0 | 97.7 | 97.7 | 98.3 | 98.6 | 98.9 | 99.1 |
| ≥ 400 | 49.8 | 73.1 | 80.5 | 85.7 | 91.3 | 92.3 | 94.7 | 95.7 | 96.0 | 97.2 | 97.9 | 97.9 | 98.5 | 98.8 | 99.1 | 99.4 |
| ≥ 300 | 49.8 | 73.1 | 80.5 | 85.7 | 91.4 | 92.4 | 94.8 | 95.7 | 96.0 | 97.2 | 97.9 | 98.0 | 98.6 | 98.9 | 99.2 | 99.4 |
| ≥ 200 | 49.8 | 73.1 | 80.5 | 85.8 | 91.4 | 92.4 | 94.9 | 95.8 | 96.1 | 97.3 | 98.0 | 98.1 | 98.7 | 98.9 | 99.2 | 99.5 |
| ≥ 100 | 49.8 | 73.1 | 80.5 | 85.8 | 91.4 | 92.4 | 94.9 | 95.8 | 96.1 | 97.3 | 98.0 | 98.1 | 98.7 | 98.9 | 99.2 | 99.5 |
| ≥ 0 | 49.8 | 73.1 | 80.5 | 85.8 | 91.4 | 92.4 | 94.9 | 95.8 | 96.1 | 97.3 | 98.0 | 98.1 | 98.7 | 98.9 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2875

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .2 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 13.0 | 18.4 | 20.9 | 23.0 | 25.7 | 26.9 | 29.6 | 31.1 | 31.6 | 34.1 | 35.3 | 35.4 | 36.9 | 37.3 | 38.7 | 40.2 |
| ≥ 20000 | 14.2 | 20.2 | 22.9 | 24.9 | 27.8 | 29.1 | 31.9 | 33.6 | 34.1 | 36.7 | 37.9 | 38.0 | 39.4 | 39.8 | 41.3 | 42.9 |
| ≥ 18000 | 14.3 | 20.4 | 23.1 | 25.2 | 28.1 | 29.4 | 32.3 | 33.9 | 34.5 | 37.0 | 38.3 | 38.4 | 39.8 | 40.2 | 41.7 | 43.3 |
| ≥ 16000 | 14.4 | 20.5 | 23.2 | 25.4 | 28.2 | 29.5 | 32.4 | 34.1 | 34.6 | 37.2 | 38.4 | 38.5 | 39.9 | 40.3 | 41.8 | 43.4 |
| ≥ 14000 | 14.9 | 21.4 | 24.2 | 26.4 | 29.3 | 30.7 | 33.7 | 35.3 | 35.9 | 38.5 | 39.7 | 39.8 | 41.2 | 41.7 | 43.2 | 44.8 |
| ≥ 12000 | 15.6 | 22.7 | 25.6 | 27.8 | 30.8 | 32.2 | 35.2 | 36.9 | 37.5 | 40.1 | 41.4 | 41.6 | 43.0 | 43.6 | 45.1 | 46.7 |
| ≥ 10000 | 16.5 | 23.7 | 26.7 | 29.1 | 32.2 | 33.7 | 36.9 | 38.6 | 39.1 | 41.8 | 43.1 | 43.2 | 44.7 | 45.2 | 46.8 | 48.4 |
| ≥ 9000 | 17.2 | 24.7 | 27.8 | 30.2 | 33.3 | 34.8 | 38.0 | 39.7 | 40.3 | 43.0 | 44.3 | 44.5 | 46.0 | 46.5 | 48.0 | 49.6 |
| ≥ 8000 | 18.6 | 26.7 | 29.9 | 32.4 | 35.8 | 37.2 | 40.5 | 42.2 | 42.8 | 45.5 | 46.9 | 47.0 | 48.5 | 49.0 | 50.6 | 52.2 |
| ≥ 7000 | 20.1 | 29.0 | 32.3 | 34.9 | 38.3 | 39.8 | 43.3 | 45.0 | 45.6 | 48.3 | 49.7 | 49.8 | 51.4 | 51.9 | 53.4 | 55.0 |
| ≥ 6000 | 21.4 | 30.6 | 34.0 | 36.7 | 40.1 | 41.6 | 45.1 | 46.8 | 47.4 | 50.2 | 51.6 | 51.7 | 53.3 | 53.8 | 55.3 | 56.9 |
| ≥ 5000 | 24.3 | 34.7 | 38.2 | 41.0 | 44.6 | 46.1 | 49.8 | 51.5 | 52.1 | 55.0 | 56.3 | 56.5 | 58.1 | 58.6 | 60.1 | 61.7 |
| ≥ 4500 | 25.9 | 37.2 | 40.8 | 43.9 | 47.6 | 49.1 | 52.9 | 54.6 | 55.2 | 58.1 | 59.5 | 59.6 | 61.2 | 61.7 | 63.2 | 64.8 |
| ≥ 4000 | 28.5 | 40.8 | 44.8 | 48.1 | 51.9 | 53.4 | 57.3 | 59.1 | 59.7 | 62.6 | 63.9 | 64.1 | 65.7 | 66.2 | 67.7 | 69.3 |
| ≥ 3500 | 30.1 | 44.1 | 48.4 | 52.0 | 55.8 | 57.4 | 61.3 | 63.3 | 63.9 | 66.9 | 68.2 | 68.3 | 69.9 | 70.4 | 72.0 | 73.6 |
| ≥ 3000 | 31.8 | 47.7 | 52.6 | 56.4 | 60.6 | 62.2 | 66.3 | 68.3 | 68.9 | 72.0 | 73.3 | 73.5 | 75.1 | 75.6 | 77.1 | 78.7 |
| ≥ 2500 | 33.1 | 50.2 | 55.4 | 59.4 | 63.9 | 65.5 | 69.8 | 71.8 | 72.4 | 75.5 | 76.9 | 77.0 | 78.6 | 79.1 | 80.7 | 82.3 |
| ≥ 2000 | 34.4 | 52.5 | 58.0 | 62.1 | 66.8 | 68.5 | 72.8 | 74.9 | 75.5 | 78.8 | 80.1 | 80.3 | 81.9 | 82.4 | 84.0 | 85.6 |
| ≥ 1800 | 34.6 | 53.0 | 58.4 | 62.6 | 67.4 | 69.0 | 73.4 | 75.5 | 76.1 | 79.4 | 80.9 | 81.0 | 82.6 | 83.1 | 84.7 | 86.3 |
| ≥ 1500 | 34.9 | 53.8 | 59.4 | 63.6 | 68.6 | 70.2 | 74.6 | 76.7 | 77.3 | 80.6 | 82.1 | 82.2 | 83.8 | 84.3 | 85.9 | 87.5 |
| ≥ 1200 | 35.2 | 54.4 | 60.0 | 64.4 | 69.4 | 71.1 | 75.6 | 77.7 | 78.3 | 81.6 | 83.0 | 83.2 | 84.8 | 85.3 | 86.8 | 88.4 |
| ≥ 1000 | 35.4 | 54.8 | 60.5 | 65.0 | 70.2 | 71.8 | 76.4 | 78.5 | 79.1 | 82.4 | 83.9 | 84.0 | 85.6 | 86.1 | 87.7 | 89.3 |
| ≥ 900 | 35.5 | 55.0 | 60.7 | 65.3 | 70.5 | 72.1 | 76.8 | 78.9 | 79.5 | 82.9 | 84.4 | 84.5 | 86.2 | 86.7 | 88.2 | 89.8 |
| ≥ 800 | 35.6 | 55.2 | 61.0 | 65.6 | 70.8 | 72.5 | 77.1 | 79.2 | 79.8 | 83.2 | 84.8 | 84.9 | 86.5 | 87.0 | 88.6 | 90.2 |
| ≥ 700 | 35.7 | 55.3 | 61.1 | 65.7 | 71.1 | 72.8 | 77.5 | 79.6 | 80.2 | 83.7 | 85.3 | 85.4 | 87.0 | 87.5 | 89.1 | 90.7 |
| ≥ 600 | 35.7 | 55.4 | 61.2 | 65.8 | 71.2 | 73.0 | 77.8 | 79.9 | 80.6 | 84.0 | 85.6 | 85.8 | 87.4 | 87.9 | 89.5 | 91.2 |
| ≥ 500 | 35.8 | 55.4 | 61.3 | 66.0 | 71.5 | 73.3 | 78.2 | 80.3 | 81.0 | 84.6 | 86.3 | 86.4 | 88.0 | 88.5 | 90.1 | 92.0 |
| ≥ 400 | 35.8 | 55.5 | 61.4 | 66.2 | 71.7 | 73.6 | 78.6 | 80.7 | 81.4 | 85.1 | 86.8 | 87.0 | 88.6 | 89.1 | 90.7 | 92.6 |
| ≥ 300 | 35.8 | 55.5 | 61.4 | 66.2 | 71.8 | 73.8 | 78.8 | 80.9 | 81.7 | 85.5 | 87.2 | 87.3 | 89.0 | 89.5 | 91.1 | 93.1 |
| ≥ 200 | 35.8 | 55.5 | 61.5 | 66.3 | 71.9 | 73.9 | 78.9 | 81.1 | 81.9 | 85.8 | 87.5 | 87.7 | 89.5 | 90.1 | 91.8 | 94.0 |
| ≥ 100 | 35.8 | 55.5 | 61.5 | 66.3 | 71.9 | 73.9 | 78.9 | 81.1 | 81.9 | 85.9 | 87.6 | 87.9 | 90.0 | 90.6 | 92.6 | 95.5 |
| ≥ 0 | 35.8 | 55.5 | 61.5 | 66.3 | 71.9 | 73.9 | 78.9 | 81.1 | 81.9 | 86.0 | 87.7 | 87.9 | 90.0 | 90.6 | 92.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2962

USAF ETAC

FORM JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5 16 | ≥ 4 | ≥ 0 |
| NO CEILING | 10.2 | 15.0 | 17.5 | 19.1 | 22.2 | 22.8 | 24.9 | 26.0 | 26.4 | 28.6 | 29.8 | 30.0 | 31.3 | 31.9 | 32.8 | 34.6 |
| ≥ 20000 | 11.4 | 16.5 | 19.0 | 20.7 | 23.9 | 24.5 | 26.7 | 27.8 | 28.2 | 30.5 | 31.7 | 31.9 | 33.3 | 33.9 | 34.9 | 36.8 |
| ≥ 18000 | 11.5 | 16.7 | 19.2 | 21.0 | 24.2 | 24.8 | 27.0 | 28.1 | 28.6 | 30.8 | 32.0 | 32.3 | 33.6 | 34.2 | 35.3 | 37.1 |
| ≥ 16000 | 11.8 | 17.1 | 19.6 | 21.5 | 24.7 | 25.4 | 27.6 | 28.7 | 29.2 | 31.4 | 32.6 | 32.9 | 34.2 | 34.8 | 35.9 | 37.7 |
| ≥ 14000 | 12.5 | 18.1 | 20.7 | 22.5 | 25.8 | 26.5 | 28.7 | 29.8 | 30.3 | 32.5 | 33.7 | 34.0 | 35.3 | 35.9 | 37.0 | 38.9 |
| ≥ 12000 | 13.3 | 19.4 | 22.2 | 24.2 | 27.4 | 28.1 | 30.3 | 31.4 | 31.9 | 34.2 | 35.5 | 35.8 | 37.2 | 37.8 | 38.9 | 40.7 |
| ≥ 10000 | 14.2 | 20.5 | 23.5 | 25.5 | 28.8 | 29.5 | 31.8 | 32.9 | 33.4 | 35.8 | 37.2 | 37.5 | 38.8 | 39.5 | 40.5 | 42.4 |
| ≥ 9000 | 14.9 | 21.4 | 24.6 | 26.7 | 30.0 | 30.7 | 33.1 | 34.3 | 34.7 | 37.3 | 38.6 | 38.9 | 40.3 | 40.9 | 42.0 | 43.8 |
| ≥ 8000 | 16.2 | 23.1 | 26.3 | 28.5 | 31.9 | 32.7 | 35.2 | 36.4 | 36.9 | 39.5 | 40.8 | 41.1 | 42.5 | 43.1 | 44.1 | 46.0 |
| ≥ 7000 | 17.7 | 25.0 | 28.3 | 30.5 | 34.0 | 34.9 | 37.6 | 38.7 | 39.3 | 42.0 | 43.4 | 43.7 | 45.1 | 45.7 | 46.7 | 48.6 |
| ≥ 6000 | 18.9 | 26.8 | 30.1 | 32.4 | 35.9 | 36.8 | 39.5 | 40.6 | 41.1 | 43.9 | 45.3 | 45.6 | 47.0 | 47.6 | 48.7 | 50.5 |
| ≥ 5000 | 21.8 | 30.6 | 34.2 | 36.7 | 40.3 | 41.2 | 43.9 | 45.1 | 45.6 | 48.5 | 49.8 | 50.2 | 51.6 | 52.2 | 53.3 | 55.1 |
| ≥ 4500 | 23.8 | 33.4 | 37.2 | 40.0 | 43.7 | 44.5 | 47.3 | 48.5 | 49.0 | 51.9 | 53.3 | 53.6 | 55.0 | 55.7 | 56.7 | 58.6 |
| ≥ 4000 | 25.7 | 36.6 | 40.6 | 43.6 | 47.4 | 48.4 | 51.2 | 52.3 | 52.9 | 55.9 | 57.3 | 57.6 | 59.1 | 59.7 | 60.8 | 62.7 |
| ≥ 3500 | 27.6 | 39.9 | 44.2 | 47.5 | 51.4 | 52.3 | 55.1 | 56.4 | 56.9 | 59.9 | 61.3 | 61.6 | 63.2 | 63.8 | 64.9 | 66.8 |
| ≥ 3000 | 29.4 | 43.4 | 48.0 | 51.7 | 56.0 | 56.9 | 59.8 | 61.1 | 61.7 | 64.7 | 66.2 | 66.5 | 68.1 | 68.7 | 69.8 | 71.7 |
| ≥ 2500 | 30.5 | 45.9 | 50.7 | 54.4 | 59.0 | 60.1 | 63.4 | 64.8 | 65.4 | 68.5 | 70.0 | 70.4 | 71.9 | 72.5 | 73.6 | 75.5 |
| ≥ 2000 | 32.4 | 49.0 | 54.2 | 58.0 | 62.9 | 64.0 | 67.4 | 68.8 | 69.5 | 72.6 | 74.1 | 74.4 | 76.0 | 76.6 | 77.8 | 79.6 |
| ≥ 1800 | 32.8 | 49.8 | 55.2 | 59.0 | 64.0 | 65.1 | 68.5 | 70.0 | 70.6 | 73.7 | 75.2 | 75.6 | 77.2 | 77.8 | 78.9 | 80.8 |
| ≥ 1500 | 33.5 | 50.9 | 56.5 | 60.5 | 65.8 | 66.9 | 70.3 | 71.8 | 72.5 | 75.7 | 77.2 | 77.5 | 79.1 | 79.8 | 80.9 | 82.8 |
| ≥ 1200 | 33.9 | 51.5 | 57.1 | 61.2 | 66.5 | 67.6 | 71.1 | 72.6 | 73.2 | 76.5 | 78.1 | 78.4 | 80.0 | 80.6 | 81.7 | 83.6 |
| ≥ 1000 | 34.1 | 52.0 | 57.7 | 61.9 | 67.4 | 68.5 | 72.2 | 73.7 | 74.3 | 77.6 | 79.1 | 79.5 | 81.1 | 81.7 | 82.8 | 84.7 |
| ≥ 900 | 34.2 | 52.2 | 57.9 | 62.1 | 67.6 | 68.8 | 72.4 | 73.9 | 74.6 | 77.8 | 79.4 | 79.7 | 81.3 | 81.9 | 83.1 | 84.9 |
| ≥ 800 | 34.3 | 52.4 | 58.2 | 62.6 | 68.1 | 69.3 | 73.0 | 74.6 | 75.2 | 78.6 | 80.1 | 80.5 | 82.1 | 82.7 | 83.8 | 85.7 |
| ≥ 700 | 34.3 | 52.4 | 58.2 | 62.7 | 68.3 | 69.6 | 73.3 | 74.9 | 75.5 | 78.9 | 80.4 | 80.8 | 82.4 | 83.1 | 84.2 | 86.1 |
| ≥ 600 | 34.4 | 52.5 | 58.3 | 62.8 | 68.4 | 69.7 | 73.6 | 75.2 | 75.8 | 79.1 | 80.8 | 81.1 | 82.8 | 83.5 | 84.6 | 86.5 |
| ≥ 500 | 34.4 | 52.5 | 58.4 | 63.0 | 68.7 | 70.0 | 73.9 | 75.7 | 76.4 | 80.0 | 81.7 | 82.1 | 84.0 | 84.6 | 85.8 | 87.8 |
| ≥ 400 | 34.4 | 52.6 | 58.5 | 63.0 | 68.9 | 70.2 | 74.3 | 76.1 | 76.8 | 80.4 | 82.2 | 82.6 | 84.5 | 85.2 | 86.5 | 88.5 |
| ≥ 300 | 34.4 | 52.6 | 58.5 | 63.1 | 68.9 | 70.2 | 74.5 | 76.4 | 77.2 | 80.8 | 82.7 | 83.1 | 85.0 | 85.7 | 87.1 | 89.2 |
| ≥ 200 | 34.4 | 52.6 | 58.5 | 63.1 | 68.9 | 70.3 | 74.6 | 76.6 | 77.4 | 81.2 | 83.2 | 83.6 | 85.7 | 86.4 | 88.1 | 90.8 |
| ≥ 100 | 34.4 | 52.6 | 58.5 | 63.1 | 69.0 | 70.3 | 74.6 | 76.7 | 77.5 | 81.4 | 83.5 | 83.9 | 86.2 | 87.0 | 89.1 | 93.1 |
| ≥ 0 | 34.4 | 52.6 | 58.5 | 63.1 | 69.0 | 70.3 | 74.6 | 76.7 | 77.5 | 81.4 | 83.5 | 84.0 | 86.3 | 87.2 | 89.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2963

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥0 |
| NO CEILING | 8.0 | 10.3 | 11.3 | 12.3 | 13.8 | 14.3 | 15.3 | 16.1 | 16.3 | 17.4 | 18.1 | 18.1 | 18.9 | 19.1 | 20.0 | 21.1 |
| ≥ 20000 | 10.5 | 13.6 | 14.7 | 15.8 | 17.5 | 18.1 | 19.3 | 20.4 | 20.6 | 21.9 | 22.8 | 22.9 | 23.8 | 24.3 | 25.2 | 26.5 |
| ≥ 18000 | 10.6 | 13.7 | 14.8 | 16.0 | 17.8 | 18.3 | 19.6 | 20.6 | 20.8 | 22.2 | 23.1 | 23.2 | 24.1 | 24.5 | 25.4 | 26.8 |
| ≥ 16000 | 11.2 | 14.3 | 15.4 | 16.6 | 18.4 | 19.0 | 20.2 | 21.3 | 21.5 | 22.9 | 23.9 | 24.0 | 24.8 | 25.3 | 26.2 | 27.5 |
| ≥ 14000 | 12.0 | 15.3 | 16.5 | 17.8 | 19.7 | 20.3 | 21.6 | 22.8 | 23.0 | 24.4 | 25.4 | 25.5 | 26.4 | 26.9 | 27.9 | 29.2 |
| ≥ 12000 | 12.9 | 16.7 | 18.0 | 19.3 | 21.3 | 21.9 | 23.2 | 24.5 | 24.7 | 26.1 | 27.2 | 27.3 | 28.2 | 28.7 | 29.7 | 31.1 |
| ≥ 10000 | 14.3 | 18.4 | 19.8 | 21.2 | 23.3 | 23.9 | 25.2 | 26.6 | 26.8 | 28.4 | 29.5 | 29.7 | 30.7 | 31.2 | 32.2 | 33.8 |
| ≥ 9000 | 15.2 | 19.4 | 20.9 | 22.3 | 24.4 | 25.1 | 26.5 | 27.9 | 28.1 | 29.7 | 30.9 | 31.0 | 32.0 | 32.5 | 33.6 | 35.1 |
| ≥ 8000 | 16.9 | 21.2 | 22.8 | 24.4 | 26.7 | 27.4 | 28.9 | 30.4 | 30.8 | 32.5 | 33.8 | 34.0 | 35.0 | 35.5 | 36.6 | 38.2 |
| ≥ 7000 | 18.1 | 22.7 | 24.5 | 26.2 | 28.7 | 29.4 | 31.0 | 32.6 | 33.1 | 34.9 | 36.2 | 36.4 | 37.4 | 37.9 | 38.9 | 40.6 |
| ≥ 6000 | 19.2 | 24.2 | 26.2 | 28.0 | 30.5 | 31.2 | 32.9 | 34.6 | 35.0 | 37.0 | 38.3 | 38.4 | 39.4 | 40.0 | 41.0 | 42.6 |
| ≥ 5000 | 21.9 | 27.6 | 30.0 | 31.8 | 34.3 | 35.1 | 36.9 | 38.7 | 39.1 | 41.1 | 42.5 | 42.6 | 43.7 | 44.2 | 45.3 | 46.9 |
| ≥ 4500 | 23.6 | 29.6 | 32.1 | 34.0 | 36.7 | 37.5 | 39.4 | 41.2 | 41.6 | 43.8 | 45.1 | 45.3 | 46.4 | 46.9 | 48.0 | 49.6 |
| ≥ 4000 | 25.8 | 32.6 | 35.3 | 37.5 | 40.3 | 41.1 | 43.3 | 45.3 | 45.7 | 47.8 | 49.3 | 49.5 | 50.6 | 51.1 | 52.2 | 53.8 |
| ≥ 3500 | 27.8 | 35.5 | 38.5 | 40.8 | 43.8 | 44.6 | 46.9 | 49.0 | 49.4 | 51.6 | 53.1 | 53.3 | 54.4 | 55.0 | 56.0 | 57.7 |
| ≥ 3000 | 30.3 | 39.3 | 42.4 | 44.9 | 48.1 | 49.1 | 51.4 | 53.6 | 54.0 | 56.3 | 58.1 | 58.3 | 59.5 | 60.0 | 61.1 | 62.7 |
| ≥ 2500 | 32.0 | 42.7 | 46.1 | 48.9 | 52.8 | 53.8 | 56.4 | 58.6 | 59.1 | 61.5 | 63.4 | 63.5 | 64.8 | 65.3 | 66.3 | 68.1 |
| ≥ 2000 | 34.2 | 46.2 | 49.8 | 53.0 | 57.2 | 58.4 | 61.3 | 63.7 | 64.2 | 66.6 | 68.7 | 68.8 | 70.0 | 70.6 | 71.7 | 73.4 |
| ≥ 1800 | 34.4 | 46.6 | 50.3 | 53.5 | 57.9 | 59.0 | 62.0 | 64.4 | 64.9 | 67.3 | 69.4 | 69.5 | 70.8 | 71.3 | 72.4 | 74.1 |
| ≥ 1500 | 35.0 | 47.6 | 51.5 | 55.0 | 59.7 | 61.0 | 64.1 | 66.5 | 67.0 | 69.6 | 71.7 | 71.8 | 73.0 | 73.6 | 74.7 | 76.4 |
| ≥ 1200 | 35.1 | 48.1 | 52.1 | 55.7 | 60.6 | 61.9 | 65.1 | 67.6 | 68.2 | 70.8 | 73.0 | 73.1 | 74.4 | 74.9 | 76.0 | 77.8 |
| ≥ 1000 | 35.2 | 48.4 | 52.5 | 56.3 | 61.3 | 62.7 | 66.1 | 68.8 | 69.3 | 72.1 | 74.3 | 74.4 | 75.7 | 76.2 | 77.4 | 79.2 |
| ≥ 900 | 35.3 | 48.5 | 52.7 | 56.6 | 61.7 | 63.1 | 66.6 | 69.2 | 69.8 | 72.6 | 74.8 | 74.9 | 76.2 | 76.8 | 77.9 | 79.8 |
| ≥ 800 | 35.4 | 48.6 | 52.9 | 56.8 | 62.1 | 63.6 | 67.3 | 69.9 | 70.5 | 73.3 | 75.6 | 75.7 | 77.1 | 77.6 | 78.8 | 80.7 |
| ≥ 700 | 35.6 | 48.8 | 53.1 | 57.3 | 62.7 | 64.3 | 68.1 | 70.7 | 71.3 | 74.2 | 76.4 | 76.5 | 77.9 | 78.5 | 79.7 | 81.5 |
| ≥ 600 | 35.6 | 48.9 | 53.2 | 57.3 | 62.8 | 64.4 | 68.3 | 70.9 | 71.5 | 74.4 | 76.7 | 76.8 | 78.3 | 78.8 | 80.1 | 81.9 |
| ≥ 500 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.7 | 71.5 | 72.1 | 75.1 | 77.7 | 77.8 | 79.3 | 79.9 | 81.3 | 83.2 |
| ≥ 400 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.8 | 71.7 | 72.3 | 75.4 | 78.2 | 78.4 | 80.0 | 80.6 | 82.0 | 84.0 |
| ≥ 300 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.8 | 71.8 | 72.4 | 75.7 | 78.8 | 79.0 | 80.8 | 81.5 | 83.3 | 85.7 |
| ≥ 200 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.8 | 71.9 | 72.6 | 76.1 | 79.3 | 79.6 | 81.7 | 82.6 | 84.9 | 88.6 |
| ≥ 100 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.9 | 72.0 | 72.6 | 76.1 | 79.5 | 79.8 | 82.1 | 83.1 | 85.9 | 92.3 |
| ≥ 0 | 35.6 | 48.9 | 53.3 | 57.4 | 63.0 | 64.6 | 68.9 | 72.0 | 72.6 | 76.2 | 79.6 | 79.9 | 82.2 | 83.2 | 86.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2968

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSOCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 9.3 | 12.0 | 13.6 | 15.3 | 17.6 | 18.3 | 19.5 | 20.2 | 20.4 | 21.1 | 21.5 | 21.5 | 21.7 | 21.7 | 21.9 | 22.0 |
| ≥ 20000 | 12.5 | 16.1 | 17.9 | 20.2 | 22.8 | 23.7 | 25.2 | 26.2 | 26.4 | 27.3 | 27.8 | 27.8 | 28.1 | 28.1 | 28.3 | 28.5 |
| IV 18000 | 12.8 | 16.6 | 18.4 | 20.8 | 23.4 | 24.2 | 25.8 | 26.7 | 27.0 | 27.8 | 28.4 | 28.4 | 28.7 | 28.7 | 28.9 | 29.0 |
| IV 16000 | 13.6 | 17.5 | 19.5 | 21.8 | 24.5 | 25.4 | 26.9 | 27.8 | 28.1 | 29.0 | 29.5 | 29.5 | 29.8 | 29.8 | 30.0 | 30.1 |
| IV 14000 | 14.6 | 18.7 | 20.7 | 23.1 | 25.9 | 26.8 | 28.3 | 29.3 | 29.5 | 30.5 | 31.0 | 31.0 | 31.3 | 31.4 | 31.5 | 31.7 |
| IV 12000 | 16.0 | 20.7 | 22.9 | 25.5 | 28.3 | 29.2 | 30.8 | 31.9 | 32.1 | 33.1 | 33.6 | 33.6 | 34.0 | 34.0 | 34.2 | 34.4 |
| IV 10000 | 17.6 | 22.4 | 24.7 | 27.3 | 30.3 | 31.3 | 32.9 | 34.1 | 34.4 | 35.4 | 35.9 | 35.9 | 36.3 | 36.3 | 36.5 | 36.7 |
| IV 9000 | 18.5 | 23.4 | 25.8 | 28.5 | 31.6 | 32.6 | 34.3 | 35.4 | 35.8 | 36.8 | 37.3 | 37.3 | 37.7 | 37.7 | 37.9 | 38.1 |
| IV 8000 | 20.4 | 25.5 | 28.0 | 30.9 | 34.2 | 35.4 | 37.2 | 38.5 | 38.9 | 40.0 | 40.5 | 40.5 | 40.9 | 41.0 | 41.1 | 41.3 |
| IV 7000 | 21.6 | 27.1 | 29.6 | 32.9 | 36.4 | 37.7 | 39.6 | 41.1 | 41.5 | 42.5 | 43.2 | 43.2 | 43.6 | 43.7 | 43.9 | 44.1 |
| IV 6000 | 23.2 | 28.9 | 31.4 | 34.8 | 38.6 | 39.8 | 41.9 | 43.3 | 43.7 | 44.8 | 45.5 | 45.5 | 46.0 | 46.0 | 46.2 | 46.4 |
| IV 5000 | 25.7 | 32.0 | 34.9 | 38.4 | 42.1 | 43.5 | 45.8 | 47.2 | 47.7 | 48.8 | 49.4 | 49.4 | 49.9 | 50.0 | 50.2 | 50.4 |
| IV 4500 | 27.1 | 33.7 | 36.6 | 40.2 | 44.1 | 45.4 | 47.7 | 49.2 | 49.7 | 50.8 | 51.5 | 51.5 | 52.0 | 52.1 | 52.3 | 52.5 |
| IV 4000 | 29.3 | 36.5 | 39.6 | 43.3 | 47.4 | 48.8 | 51.3 | 53.0 | 53.5 | 54.6 | 55.3 | 55.3 | 55.8 | 55.8 | 56.0 | 56.2 |
| IV 3500 | 31.9 | 39.5 | 43.1 | 46.9 | 51.2 | 52.7 | 55.2 | 56.9 | 57.4 | 58.5 | 59.3 | 59.3 | 59.9 | 59.9 | 60.1 | 60.4 |
| IV 3000 | 34.7 | 43.5 | 47.2 | 51.1 | 55.7 | 57.2 | 59.9 | 61.6 | 62.2 | 63.4 | 64.2 | 64.2 | 64.7 | 64.8 | 65.0 | 65.2 |
| IV 2500 | 37.6 | 48.0 | 52.0 | 56.1 | 61.0 | 62.8 | 65.5 | 67.4 | 67.9 | 69.2 | 70.1 | 70.1 | 70.6 | 70.7 | 70.9 | 71.1 |
| IV 2000 | 39.7 | 51.3 | 55.7 | 60.2 | 65.7 | 67.6 | 70.5 | 72.6 | 73.1 | 74.5 | 75.5 | 75.5 | 76.1 | 76.2 | 76.4 | 76.6 |
| IV 1800 | 40.2 | 52.0 | 56.4 | 61.0 | 66.5 | 68.4 | 71.5 | 73.5 | 74.1 | 75.5 | 76.5 | 76.5 | 77.1 | 77.2 | 77.4 | 77.6 |
| IV 1500 | 41.1 | 53.6 | 58.2 | 63.0 | 68.8 | 70.9 | 74.1 | 76.2 | 76.8 | 78.3 | 79.3 | 79.4 | 79.9 | 80.0 | 80.2 | 80.4 |
| IV 1200 | 41.7 | 54.6 | 59.2 | 64.0 | 70.1 | 72.2 | 75.6 | 78.0 | 78.6 | 80.3 | 81.4 | 81.4 | 82.0 | 82.1 | 82.3 | 82.5 |
| IV 1000 | 41.9 | 55.0 | 59.7 | 64.7 | 71.0 | 73.1 | 76.8 | 79.3 | 79.9 | 81.8 | 82.9 | 83.0 | 83.7 | 83.8 | 84.0 | 84.2 |
| IV 900 | 42.0 | 55.3 | 60.0 | 65.2 | 71.5 | 73.8 | 77.6 | 80.2 | 80.9 | 82.8 | 84.0 | 84.0 | 84.8 | 84.8 | 85.1 | 85.3 |
| IV 800 | 42.0 | 55.5 | 60.3 | 65.6 | 72.2 | 74.6 | 78.4 | 81.0 | 81.8 | 83.8 | 85.1 | 85.2 | 85.9 | 86.0 | 86.3 | 86.5 |
| IV 700 | 42.2 | 55.7 | 60.6 | 65.8 | 72.6 | 75.2 | 79.2 | 81.9 | 82.7 | 84.8 | 86.1 | 86.1 | 87.0 | 87.1 | 87.3 | 87.5 |
| IV 600 | 42.2 | 55.8 | 60.7 | 65.9 | 72.7 | 75.4 | 79.5 | 82.3 | 83.1 | 85.3 | 86.6 | 86.7 | 87.5 | 87.7 | 88.0 | 88.2 |
| IV 500 | 42.2 | 55.8 | 60.7 | 66.1 | 73.1 | 76.0 | 80.3 | 83.2 | 84.3 | 86.8 | 88.3 | 88.4 | 89.3 | 89.5 | 89.9 | 90.2 |
| IV 400 | 42.2 | 55.8 | 60.8 | 66.2 | 73.3 | 76.2 | 80.7 | 83.7 | 84.7 | 87.4 | 89.0 | 89.1 | 90.1 | 90.3 | 90.7 | 91.1 |
| IV 300 | 42.2 | 55.8 | 60.8 | 66.2 | 73.3 | 76.2 | 80.8 | 84.0 | 85.0 | 87.9 | 89.9 | 90.1 | 91.4 | 91.8 | 92.4 | 93.4 |
| IV 200 | 42.2 | 55.8 | 60.8 | 66.2 | 73.3 | 76.2 | 80.8 | 84.0 | 85.1 | 88.0 | 90.4 | 90.7 | 92.4 | 93.2 | 94.3 | 95.9 |
| IV 100 | 42.2 | 55.8 | 60.8 | 66.2 | 73.3 | 76.2 | 80.8 | 84.0 | 85.1 | 88.0 | 90.4 | 90.7 | 92.5 | 93.3 | 94.8 | 97.4 |
| IV 0 | 42.2 | 55.8 | 60.8 | 66.2 | 73.3 | 76.2 | 80.8 | 84.0 | 85.1 | 88.0 | 90.4 | 90.7 | 92.5 | 93.3 | 94.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2966

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSUCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 12.7 | 17.9 | 20.0 | 22.4 | 24.9 | 26.0 | 27.1 | 27.8 | 27.9 | 28.6 | 28.8 | 28.8 | 28.9 | 29.0 | 29.0 | 29.0 |
| ≥ 20000 | 17.4 | 23.6 | 26.2 | 29.1 | 32.1 | 33.2 | 34.5 | 35.6 | 35.9 | 36.9 | 37.2 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 |
| IV 18000 | 17.8 | 24.4 | 27.0 | 29.8 | 32.9 | 34.0 | 35.3 | 36.4 | 36.7 | 37.6 | 38.0 | 38.0 | 38.1 | 38.1 | 38.1 | 38.1 |
| IV 16000 | 18.3 | 25.1 | 27.7 | 30.6 | 33.7 | 34.8 | 36.1 | 37.2 | 37.5 | 38.4 | 38.8 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 |
| IV 14000 | 19.1 | 26.3 | 28.9 | 31.9 | 35.0 | 36.2 | 37.5 | 38.7 | 38.9 | 39.9 | 40.2 | 40.2 | 40.3 | 40.4 | 40.4 | 40.4 |
| IV 12000 | 20.5 | 28.0 | 30.9 | 34.1 | 37.3 | 38.4 | 39.9 | 41.0 | 41.3 | 42.3 | 42.7 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 |
| IV 10000 | 21.9 | 29.8 | 32.9 | 36.2 | 39.6 | 40.7 | 42.3 | 43.4 | 43.7 | 44.7 | 45.0 | 45.0 | 45.2 | 45.2 | 45.2 | 45.2 |
| IV 9000 | 22.9 | 30.9 | 34.1 | 37.4 | 40.8 | 42.0 | 43.6 | 44.8 | 45.0 | 46.1 | 46.4 | 46.4 | 46.6 | 46.6 | 46.6 | 46.6 |
| IV 8000 | 24.0 | 32.4 | 35.9 | 39.4 | 42.9 | 44.1 | 45.8 | 47.0 | 47.3 | 48.3 | 48.7 | 48.7 | 48.8 | 48.9 | 48.9 | 48.9 |
| IV 7000 | 25.7 | 34.6 | 38.2 | 41.8 | 45.7 | 46.9 | 48.6 | 49.9 | 50.1 | 51.2 | 51.6 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 |
| IV 6000 | 26.8 | 36.2 | 39.9 | 43.6 | 47.6 | 48.8 | 50.5 | 52.0 | 52.2 | 53.3 | 53.8 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 |
| IV 5000 | 29.2 | 39.2 | 43.0 | 47.0 | 51.0 | 52.3 | 54.0 | 55.6 | 55.8 | 56.9 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 |
| IV 4500 | 30.7 | 41.1 | 45.0 | 49.0 | 53.0 | 54.3 | 55.1 | 57.6 | 57.9 | 59.1 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 4000 | 33.0 | 44.2 | 48.3 | 52.4 | 56.5 | 57.9 | 59.8 | 61.4 | 61.6 | 62.8 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 3500 | 35.5 | 48.5 | 53.1 | 57.2 | 61.7 | 63.1 | 65.0 | 66.6 | 66.9 | 68.2 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 |
| IV 3000 | 40.5 | 53.8 | 58.6 | 63.0 | 67.7 | 69.2 | 71.3 | 72.9 | 73.2 | 74.5 | 75.0 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 2500 | 44.5 | 58.9 | 64.0 | 68.7 | 73.7 | 75.3 | 77.4 | 79.1 | 79.4 | 80.7 | 81.3 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 |
| IV 2000 | 47.2 | 62.7 | 68.3 | 73.2 | 78.7 | 80.4 | 82.7 | 84.5 | 84.7 | 86.1 | 86.7 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 |
| IV 1800 | 47.4 | 63.1 | 68.7 | 73.8 | 79.4 | 81.1 | 83.5 | 85.4 | 85.7 | 87.1 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 1500 | 48.2 | 64.6 | 70.5 | 75.8 | 81.6 | 83.4 | 85.9 | 88.0 | 88.3 | 89.8 | 90.3 | 90.3 | 90.6 | 90.6 | 90.7 | 90.7 |
| IV 1200 | 48.6 | 65.3 | 71.6 | 77.2 | 83.5 | 85.2 | 88.0 | 90.2 | 90.5 | 92.2 | 92.8 | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 |
| IV 1000 | 48.7 | 65.6 | 72.1 | 77.9 | 84.5 | 86.4 | 89.3 | 91.4 | 91.7 | 93.5 | 94.1 | 94.1 | 94.5 | 94.5 | 94.6 | 94.6 |
| IV 900 | 48.8 | 65.8 | 72.3 | 78.1 | 84.9 | 86.8 | 89.8 | 91.9 | 92.3 | 94.1 | 94.7 | 94.7 | 95.1 | 95.1 | 95.2 | 95.2 |
| IV 800 | 48.9 | 66.0 | 72.5 | 78.3 | 85.0 | 87.1 | 90.3 | 92.5 | 92.9 | 94.8 | 95.6 | 95.6 | 96.0 | 96.0 | 96.1 | 96.1 |
| IV 700 | 48.9 | 66.1 | 72.6 | 78.4 | 85.2 | 87.4 | 90.8 | 93.0 | 93.5 | 95.4 | 96.2 | 96.2 | 96.6 | 96.6 | 96.7 | 96.7 |
| IV 600 | 48.9 | 66.1 | 72.7 | 78.6 | 85.4 | 87.6 | 91.2 | 93.5 | 93.9 | 96.0 | 96.9 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 |
| IV 500 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 87.9 | 91.6 | 94.0 | 94.5 | 96.8 | 97.9 | 97.9 | 98.3 | 98.4 | 98.5 | 98.5 |
| IV 400 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 88.0 | 91.8 | 94.3 | 94.8 | 97.3 | 98.5 | 98.5 | 98.9 | 99.0 | 99.1 | 99.1 |
| IV 300 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 88.0 | 91.9 | 94.3 | 94.9 | 97.5 | 98.8 | 98.8 | 99.5 | 99.6 | 99.7 | 99.7 |
| IV 200 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 88.0 | 91.9 | 94.3 | 94.9 | 97.5 | 98.9 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 |
| IV 100 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 88.0 | 91.9 | 94.3 | 94.9 | 97.5 | 98.9 | 98.9 | 99.6 | 99.8 | 99.9 | 100.0 |
| IV 0 | 48.9 | 66.2 | 72.8 | 78.7 | 85.6 | 88.0 | 91.9 | 94.3 | 94.9 | 97.5 | 98.9 | 98.9 | 99.6 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2968

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 19.5 | 24.5 | 27.0 | 29.1 | 31.4 | 31.8 | 32.7 | 33.4 | 33.5 | 33.9 | 34.0 | 34.0 | 34.1 | 34.2 | 34.2 | 34.2 |
| ≥ 18000 | 24.2 | 30.6 | 33.8 | 36.5 | 39.4 | 40.0 | 41.2 | 42.2 | 42.5 | 43.2 | 43.6 | 43.6 | 43.8 | 43.8 | 43.9 | 43.9 |
| IV 16000 | 24.6 | 31.0 | 34.2 | 36.9 | 39.9 | 40.5 | 41.6 | 42.7 | 42.9 | 43.7 | 44.0 | 44.1 | 44.2 | 44.3 | 44.3 | 44.3 |
| IV 14000 | 25.2 | 31.7 | 35.1 | 37.8 | 40.8 | 41.5 | 42.6 | 43.8 | 44.0 | 44.8 | 45.2 | 45.2 | 45.4 | 45.4 | 45.5 | 45.5 |
| IV 12000 | 26.1 | 33.2 | 36.6 | 39.4 | 42.6 | 43.3 | 44.5 | 45.7 | 45.9 | 46.7 | 47.0 | 47.1 | 47.2 | 47.3 | 47.3 | 47.3 |
| IV 10000 | 27.2 | 34.3 | 38.5 | 41.4 | 44.6 | 45.3 | 46.8 | 47.9 | 48.2 | 49.0 | 49.4 | 49.4 | 49.6 | 49.6 | 49.7 | 49.7 |
| IV 9000 | 28.4 | 36.3 | 40.1 | 43.1 | 46.3 | 47.1 | 48.6 | 49.8 | 50.0 | 50.8 | 51.2 | 51.2 | 51.4 | 51.4 | 51.5 | 51.5 |
| IV 8000 | 29.6 | 37.6 | 41.4 | 44.6 | 47.9 | 48.7 | 50.3 | 51.4 | 51.7 | 52.5 | 52.9 | 53.0 | 53.1 | 53.2 | 53.2 | 53.3 |
| IV 7000 | 31.9 | 40.1 | 44.1 | 47.4 | 50.7 | 51.5 | 53.2 | 54.4 | 54.7 | 55.5 | 56.0 | 56.0 | 56.2 | 56.2 | 56.3 | 56.3 |
| IV 6000 | 34.0 | 43.1 | 47.2 | 50.7 | 54.1 | 54.9 | 56.7 | 58.0 | 58.2 | 59.1 | 59.6 | 59.6 | 59.8 | 59.8 | 59.9 | 59.9 |
| IV 5000 | 35.5 | 44.7 | 48.9 | 52.4 | 56.0 | 56.9 | 58.7 | 60.0 | 60.3 | 61.2 | 61.7 | 61.8 | 62.0 | 62.0 | 62.1 | 62.1 |
| IV 4500 | 38.6 | 48.7 | 53.1 | 56.9 | 60.9 | 61.8 | 63.7 | 65.1 | 65.4 | 66.3 | 66.8 | 66.9 | 67.1 | 67.1 | 67.2 | 67.2 |
| IV 4000 | 40.0 | 50.3 | 54.9 | 58.7 | 62.8 | 63.7 | 65.7 | 67.0 | 67.4 | 68.3 | 68.9 | 68.9 | 69.1 | 69.2 | 69.2 | 69.3 |
| IV 3500 | 43.0 | 53.8 | 58.7 | 62.6 | 66.9 | 67.8 | 69.9 | 71.3 | 71.7 | 72.7 | 73.3 | 73.3 | 73.5 | 73.6 | 73.6 | 73.7 |
| IV 3000 | 45.8 | 57.1 | 62.3 | 66.4 | 70.7 | 71.8 | 74.1 | 75.5 | 75.8 | 76.8 | 77.5 | 77.5 | 77.8 | 77.9 | 77.9 | 78.0 |
| IV 2500 | 48.6 | 61.1 | 66.6 | 71.1 | 75.5 | 76.7 | 79.1 | 80.6 | 80.9 | 82.0 | 82.6 | 82.7 | 83.0 | 83.0 | 83.1 | 83.1 |
| IV 2000 | 50.9 | 64.3 | 70.3 | 75.3 | 80.0 | 81.4 | 84.1 | 85.6 | 86.0 | 87.1 | 87.7 | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 |
| IV 1800 | 52.6 | 66.7 | 73.0 | 78.2 | 83.2 | 84.6 | 87.6 | 89.2 | 89.5 | 90.6 | 91.3 | 91.3 | 91.7 | 91.7 | 91.8 | 91.9 |
| IV 1500 | 52.8 | 67.0 | 73.4 | 78.6 | 83.7 | 85.2 | 88.2 | 89.8 | 90.1 | 91.3 | 91.9 | 92.0 | 92.3 | 92.4 | 92.5 | 92.5 |
| IV 1200 | 53.2 | 67.9 | 74.5 | 80.0 | 85.3 | 86.8 | 89.9 | 91.6 | 92.0 | 93.3 | 94.0 | 94.0 | 94.4 | 94.4 | 94.6 | 94.7 |
| IV 1000 | 53.4 | 68.4 | 75.1 | 80.7 | 86.3 | 87.8 | 91.1 | 92.9 | 93.2 | 94.5 | 95.3 | 95.4 | 95.7 | 95.8 | 96.0 | 96.0 |
| IV 900 | 53.6 | 68.6 | 75.4 | 81.1 | 87.0 | 88.6 | 92.0 | 93.8 | 94.1 | 95.6 | 96.4 | 96.5 | 96.9 | 96.9 | 97.1 | 97.2 |
| IV 800 | 53.6 | 68.7 | 75.4 | 81.2 | 87.2 | 88.9 | 92.4 | 94.1 | 94.5 | 95.9 | 96.8 | 96.9 | 97.3 | 97.3 | 97.5 | 97.6 |
| IV 700 | 53.6 | 68.8 | 75.5 | 81.3 | 87.4 | 89.1 | 92.7 | 94.6 | 94.9 | 96.4 | 97.3 | 97.4 | 97.8 | 97.8 | 98.0 | 98.1 |
| IV 600 | 53.6 | 68.8 | 75.6 | 81.3 | 87.5 | 89.2 | 92.8 | 94.9 | 95.3 | 96.8 | 97.8 | 97.9 | 98.3 | 98.4 | 98.6 | 98.6 |
| IV 500 | 53.6 | 68.8 | 75.6 | 81.4 | 87.5 | 89.4 | 93.0 | 95.1 | 95.5 | 97.1 | 98.1 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 |
| IV 400 | 53.6 | 68.8 | 75.6 | 81.4 | 87.8 | 89.7 | 93.3 | 95.4 | 95.9 | 97.6 | 98.7 | 98.8 | 99.3 | 99.3 | 99.5 | 99.6 |
| IV 300 | 53.6 | 68.8 | 75.6 | 81.4 | 87.8 | 89.7 | 93.4 | 95.5 | 95.9 | 97.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 99.9 |
| IV 200 | 53.6 | 68.8 | 75.6 | 81.4 | 87.8 | 89.7 | 93.4 | 95.5 | 95.9 | 97.8 | 99.0 | 99.0 | 99.6 | 99.7 | 99.9 | 100.0 |
| IV 100 | 53.6 | 68.8 | 75.6 | 81.4 | 87.8 | 89.7 | 93.4 | 95.5 | 95.9 | 97.8 | 99.0 | 99.0 | 99.6 | 99.7 | 99.9 | 100.0 |
| IV 0 | 53.6 | 68.8 | 75.6 | 81.4 | 87.8 | 89.7 | 93.4 | 95.5 | 95.9 | 97.8 | 99.0 | 99.0 | 99.6 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2970

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 20.6 | 27.0 | 30.5 | 32.8 | 35.8 | 36.3 | 38.4 | 39.4 | 39.5 | 40.7 | 41.3 | 41.3 | 41.6 | 41.7 | 42.0 | 42.5 |
| ≥ 20000 | 22.6 | 30.3 | 34.1 | 36.7 | 40.2 | 40.9 | 43.2 | 44.2 | 44.4 | 45.8 | 46.8 | 46.8 | 47.2 | 47.3 | 47.8 | 48.2 |
| ≥ 18000 | 22.8 | 30.6 | 34.4 | 37.0 | 40.5 | 41.2 | 43.5 | 44.5 | 44.7 | 46.1 | 47.1 | 47.1 | 47.6 | 47.7 | 48.1 | 48.5 |
| ≥ 16000 | 23.0 | 31.1 | 34.9 | 37.6 | 41.1 | 41.7 | 44.1 | 45.2 | 45.3 | 46.7 | 47.7 | 47.7 | 48.2 | 48.3 | 48.7 | 49.1 |
| ≥ 14000 | 23.6 | 31.9 | 35.8 | 38.5 | 42.1 | 42.9 | 45.5 | 46.5 | 46.7 | 48.1 | 49.1 | 49.1 | 49.6 | 49.7 | 50.1 | 50.6 |
| ≥ 12000 | 24.5 | 33.3 | 37.3 | 40.2 | 44.0 | 44.9 | 47.5 | 48.5 | 48.7 | 50.2 | 51.2 | 51.2 | 51.7 | 51.8 | 52.2 | 52.7 |
| IV 10000 | 25.7 | 34.8 | 38.9 | 41.9 | 45.8 | 46.6 | 49.2 | 50.3 | 50.5 | 52.0 | 53.0 | 53.0 | 53.5 | 53.6 | 54.0 | 54.5 |
| IV 9000 | 26.8 | 36.1 | 40.4 | 43.4 | 47.3 | 48.2 | 50.8 | 52.0 | 52.1 | 53.8 | 54.8 | 54.8 | 55.3 | 55.4 | 55.8 | 56.2 |
| IV 8000 | 29.0 | 38.9 | 43.4 | 46.7 | 50.8 | 51.7 | 54.3 | 55.5 | 55.7 | 57.3 | 58.3 | 58.3 | 58.8 | 58.9 | 59.2 | 59.8 |
| IV 7000 | 30.8 | 41.3 | 45.9 | 49.4 | 53.8 | 54.7 | 57.4 | 58.6 | 58.7 | 60.4 | 61.4 | 61.4 | 61.9 | 62.0 | 62.4 | 62.9 |
| IV 6000 | 31.7 | 42.7 | 47.5 | 51.1 | 55.7 | 56.6 | 59.3 | 60.5 | 60.7 | 62.3 | 63.4 | 63.4 | 63.9 | 64.0 | 64.4 | 64.9 |
| IV 5000 | 35.2 | 47.5 | 52.3 | 56.7 | 61.4 | 62.3 | 65.0 | 66.3 | 66.4 | 68.1 | 69.1 | 69.1 | 69.6 | 69.7 | 70.1 | 70.6 |
| IV 4500 | 36.9 | 50.0 | 55.5 | 59.5 | 64.3 | 65.3 | 68.0 | 69.2 | 69.4 | 71.1 | 72.1 | 72.1 | 72.6 | 72.7 | 73.2 | 73.6 |
| IV 4000 | 39.7 | 54.0 | 59.7 | 64.1 | 69.1 | 70.1 | 72.8 | 74.0 | 74.2 | 76.0 | 77.1 | 77.1 | 77.5 | 77.6 | 78.1 | 78.6 |
| IV 3500 | 41.2 | 56.4 | 62.3 | 66.9 | 72.2 | 73.2 | 76.0 | 77.3 | 77.4 | 79.4 | 80.4 | 80.5 | 81.0 | 81.1 | 81.5 | 82.0 |
| IV 3000 | 43.6 | 59.5 | 66.1 | 70.9 | 76.4 | 77.5 | 80.4 | 81.7 | 81.9 | 83.9 | 85.1 | 85.1 | 85.6 | 85.7 | 86.2 | 86.6 |
| IV 2500 | 44.8 | 61.9 | 68.8 | 73.8 | 79.6 | 80.9 | 83.8 | 85.2 | 85.4 | 87.5 | 88.7 | 88.8 | 89.3 | 89.4 | 89.8 | 90.3 |
| IV 2000 | 45.9 | 63.6 | 70.6 | 75.7 | 81.9 | 83.2 | 86.2 | 87.8 | 87.9 | 90.1 | 91.3 | 91.4 | 91.9 | 92.0 | 92.4 | 92.9 |
| IV 1800 | 46.0 | 63.9 | 70.9 | 76.0 | 82.2 | 83.6 | 86.6 | 88.2 | 88.4 | 90.5 | 91.8 | 91.9 | 92.3 | 92.4 | 92.9 | 93.3 |
| IV 1500 | 46.4 | 64.5 | 71.7 | 76.9 | 83.4 | 84.8 | 87.8 | 89.5 | 89.7 | 91.9 | 93.2 | 93.2 | 93.7 | 93.8 | 94.3 | 94.7 |
| IV 1200 | 46.5 | 64.8 | 72.2 | 77.4 | 84.0 | 85.4 | 88.6 | 90.3 | 90.5 | 92.7 | 94.0 | 94.0 | 94.5 | 94.6 | 95.0 | 95.5 |
| IV 1000 | 46.5 | 65.1 | 72.4 | 77.8 | 84.5 | 86.0 | 89.1 | 90.9 | 91.2 | 93.4 | 94.8 | 94.8 | 95.3 | 95.4 | 95.8 | 96.3 |
| IV 900 | 46.5 | 65.2 | 72.5 | 77.9 | 84.7 | 86.2 | 89.4 | 91.3 | 91.5 | 93.8 | 95.1 | 95.2 | 95.7 | 95.8 | 96.2 | 96.7 |
| IV 800 | 46.5 | 65.2 | 72.6 | 78.1 | 84.9 | 86.3 | 89.7 | 91.6 | 91.8 | 94.1 | 95.5 | 95.6 | 96.1 | 96.2 | 96.6 | 97.1 |
| IV 700 | 46.5 | 65.4 | 72.9 | 78.4 | 85.2 | 86.8 | 90.1 | 92.0 | 92.2 | 94.5 | 95.9 | 96.0 | 96.5 | 96.6 | 97.0 | 97.5 |
| IV 600 | 46.5 | 65.3 | 72.9 | 78.4 | 85.2 | 86.8 | 90.1 | 92.1 | 92.3 | 94.7 | 96.2 | 96.2 | 96.7 | 96.8 | 97.3 | 97.8 |
| IV 500 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.5 | 92.5 | 92.7 | 95.3 | 96.8 | 96.9 | 97.3 | 97.4 | 97.9 | 98.5 |
| IV 400 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.7 | 92.7 | 92.9 | 95.5 | 97.0 | 97.2 | 97.6 | 97.7 | 98.2 | 98.8 |
| IV 300 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.8 | 92.9 | 93.1 | 95.8 | 97.4 | 97.5 | 98.0 | 98.1 | 98.6 | 99.2 |
| IV 200 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.9 | 93.0 | 93.2 | 96.0 | 97.6 | 97.8 | 98.3 | 98.4 | 98.9 | 99.4 |
| IV 100 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.9 | 93.0 | 93.2 | 96.0 | 97.7 | 97.8 | 98.3 | 98.4 | 98.9 | 99.5 |
| IV 0 | 46.5 | 65.3 | 73.0 | 78.5 | 85.4 | 87.1 | 90.9 | 93.0 | 93.2 | 96.0 | 97.7 | 97.8 | 98.3 | 98.4 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME40-71
YEARSOCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 17.5 | 24.7 | 27.3 | 30.0 | 33.6 | 34.4 | 36.3 | 37.5 | 37.6 | 39.3 | 40.5 | 40.6 | 42.2 | 42.8 | 43.7 | 45.2 | |
| ≥ 20000 | 19.0 | 26.6 | 29.4 | 32.3 | 36.2 | 37.0 | 39.0 | 40.2 | 40.3 | 42.3 | 43.6 | 43.7 | 45.3 | 46.0 | 46.9 | 48.5 | |
| ≥ 18000 | 19.2 | 26.8 | 29.6 | 32.4 | 36.3 | 37.2 | 39.2 | 40.4 | 40.5 | 42.5 | 43.8 | 43.9 | 45.5 | 46.2 | 47.1 | 48.7 | |
| ≥ 16000 | 19.4 | 27.1 | 30.0 | 32.8 | 36.7 | 37.6 | 39.6 | 40.8 | 40.9 | 42.9 | 44.1 | 44.2 | 45.9 | 46.5 | 47.5 | 49.1 | |
| ≥ 14000 | 19.9 | 27.7 | 30.6 | 33.4 | 37.5 | 38.3 | 40.3 | 41.5 | 41.6 | 43.6 | 44.8 | 44.9 | 46.5 | 47.2 | 48.2 | 49.8 | |
| ≥ 12000 | 20.9 | 29.1 | 32.3 | 35.1 | 39.5 | 40.3 | 42.3 | 43.5 | 43.6 | 45.6 | 46.8 | 46.9 | 48.5 | 49.2 | 50.2 | 51.8 | |
| ≥ 10000 | 22.2 | 30.4 | 33.7 | 36.5 | 41.1 | 41.9 | 43.9 | 45.1 | 45.2 | 47.2 | 48.4 | 48.5 | 50.1 | 50.8 | 51.8 | 53.4 | |
| ≥ 8000 | 23.0 | 31.7 | 35.1 | 38.3 | 42.6 | 43.5 | 45.7 | 47.2 | 47.3 | 49.5 | 50.8 | 50.9 | 52.6 | 53.3 | 54.3 | 55.9 | |
| ≥ 7000 | 24.7 | 33.9 | 37.4 | 40.7 | 45.2 | 46.1 | 48.3 | 49.9 | 50.0 | 52.2 | 53.5 | 53.6 | 55.2 | 56.0 | 57.0 | 58.6 | |
| ≥ 6000 | 25.9 | 35.6 | 39.3 | 42.7 | 47.4 | 48.3 | 50.7 | 52.2 | 52.4 | 54.6 | 55.9 | 56.0 | 57.6 | 58.4 | 59.4 | 61.0 | |
| ≥ 5000 | 27.2 | 37.4 | 41.2 | 44.7 | 49.4 | 50.3 | 52.8 | 54.3 | 54.5 | 56.7 | 58.0 | 58.1 | 59.8 | 60.5 | 61.5 | 63.1 | |
| ≥ 4500 | 29.9 | 41.5 | 45.7 | 49.4 | 54.3 | 55.2 | 57.9 | 59.4 | 59.5 | 61.8 | 63.1 | 63.2 | 64.8 | 65.6 | 66.6 | 68.2 | |
| ≥ 4000 | 31.6 | 44.1 | 48.4 | 52.6 | 57.7 | 58.6 | 61.2 | 62.8 | 63.0 | 65.2 | 66.5 | 66.6 | 68.3 | 69.0 | 70.0 | 71.6 | |
| ≥ 3500 | 34.3 | 47.9 | 52.5 | 56.9 | 62.3 | 63.2 | 66.0 | 67.8 | 67.9 | 70.2 | 71.5 | 71.6 | 73.2 | 74.0 | 75.0 | 76.6 | |
| ≥ 3000 | 36.1 | 50.6 | 55.4 | 59.9 | 65.5 | 66.5 | 69.3 | 71.1 | 71.3 | 73.7 | 74.9 | 75.1 | 76.7 | 77.5 | 78.5 | 80.1 | |
| ≥ 2500 | 37.9 | 53.6 | 58.8 | 63.4 | 69.4 | 70.4 | 73.3 | 75.2 | 75.4 | 77.7 | 79.1 | 79.2 | 80.9 | 81.6 | 82.6 | 84.3 | |
| ≥ 2000 | 39.3 | 56.1 | 61.4 | 66.1 | 72.3 | 73.4 | 76.3 | 78.2 | 78.4 | 81.0 | 82.3 | 82.4 | 84.1 | 84.9 | 85.9 | 87.5 | |
| ≥ 1800 | 40.3 | 58.4 | 64.0 | 68.9 | 75.5 | 76.6 | 79.5 | 81.6 | 81.8 | 84.5 | 85.8 | 85.9 | 87.6 | 88.4 | 89.4 | 91.0 | |
| ≥ 1500 | 40.4 | 58.6 | 64.2 | 69.3 | 75.8 | 76.9 | 79.9 | 82.0 | 82.2 | 84.9 | 86.2 | 86.3 | 88.0 | 88.8 | 89.8 | 91.4 | |
| ≥ 1200 | 40.8 | 59.2 | 65.0 | 70.3 | 76.9 | 78.1 | 81.2 | 83.2 | 83.5 | 86.2 | 87.5 | 87.6 | 89.3 | 90.1 | 91.1 | 92.7 | |
| ≥ 1000 | 41.1 | 59.7 | 65.6 | 71.0 | 77.7 | 78.8 | 81.9 | 84.0 | 84.3 | 87.0 | 88.3 | 88.4 | 90.1 | 90.9 | 91.9 | 93.5 | |
| ≥ 900 | 41.2 | 60.0 | 66.0 | 71.4 | 78.3 | 79.4 | 82.5 | 84.6 | 84.9 | 87.7 | 89.0 | 89.1 | 90.8 | 91.6 | 92.6 | 94.2 | |
| ≥ 800 | 41.3 | 60.2 | 66.2 | 71.7 | 78.5 | 79.7 | 82.8 | 85.0 | 85.3 | 88.0 | 89.4 | 89.5 | 91.2 | 91.9 | 93.0 | 94.6 | |
| ≥ 700 | 41.3 | 60.3 | 66.4 | 71.9 | 78.8 | 80.0 | 83.1 | 85.3 | 85.6 | 88.4 | 89.8 | 89.9 | 91.6 | 92.3 | 93.4 | 95.0 | |
| ≥ 600 | 41.3 | 60.4 | 66.5 | 72.0 | 79.0 | 80.2 | 83.4 | 85.6 | 85.9 | 88.7 | 90.1 | 90.2 | 91.9 | 92.7 | 93.7 | 95.3 | |
| ≥ 500 | 41.3 | 60.6 | 66.8 | 72.3 | 79.2 | 80.5 | 83.8 | 85.9 | 86.3 | 89.3 | 90.6 | 90.7 | 92.5 | 93.2 | 94.2 | 95.9 | |
| ≥ 400 | 41.3 | 60.6 | 66.8 | 72.5 | 79.4 | 80.7 | 84.1 | 86.3 | 86.6 | 89.6 | 91.0 | 91.1 | 92.9 | 93.6 | 94.6 | 96.4 | |
| ≥ 300 | 41.3 | 60.6 | 66.8 | 72.5 | 79.5 | 80.9 | 84.3 | 86.6 | 87.0 | 90.1 | 91.4 | 91.5 | 93.3 | 94.1 | 95.1 | 96.8 | |
| ≥ 200 | 41.3 | 60.6 | 66.8 | 72.5 | 79.5 | 80.9 | 84.4 | 86.7 | 87.1 | 90.3 | 91.7 | 91.8 | 93.6 | 94.3 | 95.3 | 97.1 | |
| ≥ 100 | 41.3 | 60.6 | 66.9 | 72.5 | 79.5 | 81.0 | 84.4 | 86.8 | 87.2 | 90.4 | 92.0 | 92.1 | 94.0 | 94.7 | 95.9 | 97.7 | |
| ≥ 0 | 41.3 | 60.6 | 66.9 | 72.5 | 79.5 | 81.0 | 84.4 | 86.8 | 87.2 | 90.4 | 92.0 | 92.1 | 94.0 | 94.8 | 96.1 | 98.0 | |

TOTAL NUMBER OF OBSERVATIONS

2966

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHURD AFB WASHINGTON/TACOMA

40-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 12.0 | 15.6 | 17.0 | 18.1 | 20.2 | 21.1 | 22.5 | 23.5 | 23.7 | 24.6 | 25.3 | 25.5 | 26.3 | 26.5 | 27.1 | 28.7 |
| ≥ 20000 | 12.9 | 17.0 | 18.6 | 19.7 | 22.0 | 23.0 | 24.5 | 25.5 | 25.7 | 26.6 | 27.5 | 27.7 | 28.7 | 28.8 | 29.5 | 31.2 |
| ≥ 18000 | 13.0 | 17.1 | 18.7 | 19.8 | 22.2 | 23.1 | 24.7 | 25.7 | 26.0 | 26.9 | 27.7 | 27.9 | 28.9 | 29.0 | 29.8 | 31.4 |
| ≥ 16000 | 13.1 | 17.2 | 18.8 | 19.9 | 22.2 | 23.2 | 24.8 | 25.9 | 26.1 | 27.0 | 27.8 | 28.0 | 29.0 | 29.2 | 29.9 | 31.6 |
| ≥ 14000 | 13.7 | 18.0 | 19.7 | 20.9 | 23.3 | 24.3 | 26.0 | 27.0 | 27.2 | 28.3 | 29.1 | 29.3 | 30.3 | 30.4 | 31.1 | 32.8 |
| ≥ 12000 | 14.2 | 18.7 | 20.5 | 22.0 | 24.5 | 25.5 | 27.3 | 28.4 | 28.6 | 29.6 | 30.4 | 30.6 | 31.6 | 31.7 | 32.5 | 34.1 |
| ≥ 10000 | 15.9 | 21.0 | 23.0 | 24.5 | 27.0 | 28.1 | 30.0 | 31.1 | 31.3 | 32.3 | 33.2 | 33.3 | 34.4 | 34.5 | 35.2 | 37.0 |
| ≥ 9000 | 16.5 | 21.8 | 23.8 | 25.5 | 28.0 | 29.1 | 31.1 | 32.2 | 32.4 | 33.6 | 34.4 | 34.6 | 35.6 | 35.8 | 36.5 | 38.3 |
| ≥ 8000 | 18.6 | 24.6 | 26.9 | 28.7 | 31.4 | 32.6 | 34.7 | 35.9 | 36.1 | 37.4 | 38.2 | 38.4 | 39.4 | 39.6 | 40.4 | 42.1 |
| ≥ 7000 | 20.4 | 27.0 | 29.5 | 31.3 | 34.1 | 35.3 | 37.5 | 38.7 | 38.9 | 40.2 | 41.1 | 41.3 | 42.3 | 42.5 | 43.2 | 45.0 |
| ≥ 6000 | 21.8 | 29.2 | 31.7 | 33.6 | 36.5 | 37.7 | 39.9 | 41.1 | 41.3 | 42.6 | 43.5 | 43.7 | 44.8 | 44.9 | 45.7 | 47.5 |
| ≥ 5000 | 25.2 | 33.6 | 36.1 | 38.2 | 41.2 | 42.4 | 44.6 | 45.9 | 46.2 | 47.5 | 48.6 | 48.7 | 49.8 | 50.0 | 50.7 | 52.6 |
| ≥ 4500 | 27.1 | 36.3 | 39.0 | 41.1 | 44.1 | 45.3 | 47.7 | 49.1 | 49.4 | 50.7 | 51.7 | 51.9 | 53.0 | 53.2 | 53.9 | 55.7 |
| ≥ 4000 | 29.7 | 40.0 | 43.1 | 45.4 | 49.7 | 49.9 | 52.5 | 54.0 | 54.2 | 55.7 | 56.7 | 56.9 | 58.0 | 58.2 | 59.0 | 60.8 |
| ≥ 3500 | 32.5 | 44.0 | 48.0 | 50.7 | 54.2 | 55.5 | 58.3 | 59.7 | 60.0 | 61.6 | 62.6 | 62.7 | 63.9 | 64.1 | 64.9 | 66.8 |
| ≥ 3000 | 34.4 | 47.6 | 52.1 | 55.1 | 59.0 | 60.4 | 63.3 | 64.8 | 65.1 | 66.7 | 67.7 | 67.9 | 69.1 | 69.3 | 70.1 | 71.9 |
| ≥ 2500 | 36.9 | 52.0 | 56.8 | 60.1 | 64.1 | 65.7 | 68.9 | 70.5 | 70.8 | 72.5 | 73.5 | 73.7 | 75.0 | 75.2 | 76.0 | 77.8 |
| ≥ 2000 | 38.5 | 55.5 | 60.9 | 64.4 | 68.9 | 70.5 | 73.9 | 75.5 | 75.8 | 77.5 | 78.7 | 78.8 | 80.1 | 80.3 | 81.1 | 82.9 |
| ≥ 1800 | 38.8 | 56.2 | 61.7 | 65.3 | 69.9 | 71.5 | 75.0 | 76.6 | 76.9 | 78.7 | 79.8 | 79.9 | 81.2 | 81.4 | 82.2 | 84.0 |
| ≥ 1500 | 39.3 | 57.3 | 63.0 | 66.7 | 71.3 | 73.0 | 76.5 | 78.2 | 78.5 | 80.3 | 81.4 | 81.6 | 82.9 | 83.1 | 83.9 | 85.7 |
| ≥ 1200 | 39.6 | 57.8 | 63.6 | 67.4 | 72.1 | 73.8 | 77.4 | 79.1 | 79.4 | 81.2 | 82.4 | 82.6 | 83.9 | 84.1 | 84.9 | 86.7 |
| ≥ 1000 | 39.7 | 58.2 | 64.0 | 67.9 | 72.8 | 74.5 | 78.1 | 79.9 | 80.2 | 82.1 | 83.3 | 83.5 | 84.8 | 85.0 | 85.8 | 87.6 |
| ≥ 900 | 39.8 | 58.5 | 64.4 | 68.3 | 73.1 | 74.9 | 78.5 | 80.3 | 80.6 | 82.6 | 83.7 | 83.9 | 85.2 | 85.4 | 86.3 | 88.1 |
| ≥ 800 | 39.8 | 58.6 | 64.5 | 68.4 | 73.2 | 75.0 | 78.8 | 80.6 | 80.9 | 82.8 | 84.0 | 84.2 | 85.5 | 85.7 | 86.5 | 88.4 |
| ≥ 700 | 39.9 | 58.8 | 64.7 | 68.6 | 73.5 | 75.3 | 79.0 | 80.9 | 81.2 | 83.2 | 84.4 | 84.5 | 85.8 | 86.0 | 86.9 | 88.7 |
| ≥ 600 | 40.0 | 58.9 | 64.8 | 68.8 | 73.7 | 75.5 | 79.4 | 81.4 | 81.7 | 83.7 | 84.9 | 85.1 | 86.4 | 86.6 | 87.4 | 89.3 |
| ≥ 500 | 40.0 | 59.0 | 65.0 | 69.0 | 73.9 | 75.9 | 79.8 | 81.9 | 82.2 | 84.5 | 85.7 | 85.9 | 87.2 | 87.4 | 88.3 | 90.2 |
| ≥ 400 | 40.1 | 59.0 | 65.0 | 69.2 | 74.3 | 76.3 | 80.3 | 82.6 | 82.9 | 85.2 | 86.5 | 86.7 | 88.1 | 88.4 | 89.3 | 91.1 |
| ≥ 300 | 40.1 | 59.0 | 65.0 | 69.2 | 74.4 | 76.5 | 80.6 | 83.0 | 83.4 | 85.7 | 87.1 | 87.3 | 88.8 | 89.1 | 90.0 | 92.0 |
| ≥ 200 | 40.1 | 59.0 | 65.0 | 69.3 | 74.5 | 76.6 | 80.9 | 83.4 | 83.7 | 86.4 | 88.0 | 88.2 | 89.7 | 90.1 | 91.3 | 93.8 |
| ≥ 100 | 40.1 | 59.0 | 65.0 | 69.3 | 74.5 | 76.6 | 80.9 | 83.4 | 83.7 | 86.5 | 88.2 | 88.4 | 90.1 | 90.5 | 92.1 | 95.4 |
| ≥ 0 | 40.1 | 59.0 | 65.0 | 69.3 | 74.5 | 76.6 | 80.9 | 83.4 | 83.7 | 86.5 | 88.2 | 88.4 | 90.1 | 90.5 | 92.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2867

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHURD AFB WASHINGTON/TACOMA

40-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|----|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥0 |
| NO CEILING | 11.4 | 16.5 | 17.4 | 18.7 | 20.8 | 21.1 | 22.6 | 23.2 | 23.5 | 24.5 | 25.2 | 25.3 | 26.1 | 26.1 | 26.9 | 27.7 | |
| ≥ 20000 | 12.5 | 18.0 | 19.0 | 20.4 | 22.6 | 22.9 | 24.5 | 25.4 | 25.7 | 26.7 | 27.6 | 27.6 | 28.6 | 28.7 | 29.5 | 30.3 | |
| IV 18000 | 12.6 | 18.2 | 19.1 | 20.5 | 22.8 | 23.0 | 24.7 | 25.5 | 25.8 | 26.9 | 27.7 | 27.8 | 28.8 | 28.8 | 29.6 | 30.5 | |
| IV 16000 | 12.9 | 18.5 | 19.6 | 21.0 | 23.2 | 23.5 | 25.1 | 26.0 | 26.3 | 27.3 | 28.2 | 28.3 | 29.2 | 29.3 | 30.1 | 31.0 | |
| IV 14000 | 13.2 | 18.9 | 20.1 | 21.6 | 24.1 | 24.3 | 26.0 | 27.0 | 27.3 | 28.3 | 29.2 | 29.3 | 30.3 | 30.3 | 31.1 | 32.0 | |
| IV 12000 | 14.0 | 19.8 | 21.1 | 22.8 | 25.2 | 25.9 | 27.2 | 28.2 | 28.5 | 29.7 | 30.6 | 30.7 | 31.7 | 31.8 | 32.6 | 33.4 | |
| IV 10000 | 15.2 | 21.6 | 23.0 | 24.8 | 27.4 | 27.7 | 29.4 | 30.4 | 30.7 | 31.9 | 32.8 | 32.9 | 33.9 | 33.9 | 34.8 | 35.6 | |
| IV 9000 | 15.9 | 22.4 | 24.0 | 25.8 | 28.4 | 28.7 | 30.5 | 31.5 | 31.8 | 33.0 | 34.0 | 34.1 | 35.0 | 35.1 | 35.9 | 36.8 | |
| IV 8000 | 18.1 | 25.4 | 27.2 | 29.2 | 32.1 | 32.5 | 34.5 | 35.6 | 35.8 | 37.1 | 38.1 | 38.2 | 39.2 | 39.3 | 40.2 | 41.1 | |
| IV 7000 | 20.0 | 27.9 | 29.8 | 32.0 | 34.9 | 35.3 | 37.6 | 38.6 | 38.9 | 40.2 | 41.2 | 41.3 | 42.4 | 42.5 | 43.3 | 44.2 | |
| IV 6000 | 21.6 | 30.4 | 32.5 | 34.7 | 37.7 | 38.2 | 40.5 | 41.7 | 42.0 | 43.2 | 44.3 | 44.3 | 45.4 | 45.5 | 46.4 | 47.2 | |
| IV 5000 | 24.9 | 34.5 | 36.7 | 39.2 | 42.3 | 42.8 | 45.2 | 46.5 | 46.8 | 48.1 | 49.2 | 49.3 | 50.3 | 50.4 | 51.3 | 52.2 | |
| IV 4500 | 26.4 | 36.7 | 39.1 | 41.9 | 45.0 | 45.6 | 48.0 | 49.3 | 49.6 | 50.9 | 52.0 | 52.0 | 53.2 | 53.2 | 54.1 | 55.0 | |
| IV 4000 | 29.5 | 41.2 | 43.7 | 46.6 | 49.9 | 50.5 | 53.0 | 54.3 | 54.6 | 56.0 | 57.2 | 57.2 | 58.4 | 58.5 | 59.4 | 60.3 | |
| IV 3500 | 32.1 | 45.5 | 48.4 | 51.8 | 55.4 | 56.0 | 58.7 | 60.0 | 60.3 | 61.8 | 62.9 | 63.0 | 64.1 | 64.2 | 65.1 | 66.0 | |
| IV 3000 | 34.3 | 49.4 | 52.8 | 56.3 | 60.3 | 61.0 | 63.9 | 65.2 | 65.6 | 67.0 | 68.1 | 68.2 | 69.4 | 69.5 | 70.4 | 71.3 | |
| IV 2500 | 36.5 | 53.5 | 57.3 | 61.2 | 65.5 | 66.2 | 69.2 | 70.6 | 71.0 | 72.6 | 73.7 | 73.8 | 74.9 | 75.0 | 76.0 | 76.9 | |
| IV 2000 | 38.2 | 56.8 | 61.2 | 65.2 | 69.6 | 70.4 | 73.8 | 75.3 | 75.7 | 77.3 | 78.5 | 78.6 | 79.7 | 79.8 | 80.8 | 81.7 | |
| IV 1800 | 38.3 | 57.2 | 61.8 | 65.9 | 70.4 | 71.2 | 74.6 | 76.1 | 76.5 | 78.1 | 79.3 | 79.4 | 80.5 | 80.6 | 81.6 | 82.5 | |
| IV 1500 | 38.6 | 58.0 | 62.7 | 67.0 | 71.5 | 72.3 | 76.0 | 77.7 | 78.0 | 79.7 | 80.9 | 81.0 | 82.1 | 82.2 | 83.2 | 84.1 | |
| IV 1200 | 38.8 | 58.6 | 63.6 | 68.0 | 72.8 | 73.6 | 77.3 | 79.0 | 79.4 | 81.1 | 82.3 | 82.4 | 83.5 | 83.6 | 84.6 | 85.5 | |
| IV 1000 | 38.9 | 58.9 | 63.9 | 68.3 | 73.2 | 74.0 | 77.8 | 79.5 | 79.9 | 81.7 | 82.9 | 83.0 | 84.1 | 84.2 | 85.2 | 86.1 | |
| IV 900 | 39.0 | 59.1 | 64.2 | 68.6 | 73.5 | 74.3 | 78.1 | 79.9 | 80.3 | 82.1 | 83.3 | 83.4 | 84.5 | 84.6 | 85.6 | 86.5 | |
| IV 800 | 39.1 | 59.4 | 64.5 | 68.9 | 73.9 | 74.7 | 78.5 | 80.4 | 80.8 | 82.6 | 83.9 | 84.0 | 85.2 | 85.3 | 86.2 | 87.2 | |
| IV 700 | 39.1 | 59.5 | 64.7 | 69.2 | 74.2 | 75.0 | 78.8 | 80.8 | 81.1 | 83.0 | 84.3 | 84.4 | 85.6 | 85.7 | 86.7 | 87.6 | |
| IV 600 | 39.2 | 59.7 | 65.1 | 69.6 | 74.7 | 75.6 | 79.4 | 81.4 | 81.7 | 83.7 | 85.0 | 85.1 | 86.2 | 86.4 | 87.3 | 88.3 | |
| IV 500 | 39.2 | 59.8 | 65.2 | 69.8 | 75.0 | 76.1 | 80.0 | 82.1 | 82.5 | 84.5 | 85.9 | 86.0 | 87.3 | 87.4 | 88.4 | 89.3 | |
| IV 400 | 39.2 | 59.8 | 65.2 | 69.8 | 75.1 | 76.2 | 80.2 | 82.5 | 82.9 | 85.1 | 86.7 | 86.8 | 88.0 | 88.1 | 89.2 | 90.2 | |
| IV 300 | 39.2 | 59.8 | 65.3 | 69.9 | 75.3 | 76.5 | 80.6 | 83.0 | 83.4 | 85.7 | 87.3 | 87.5 | 88.8 | 89.0 | 90.0 | 91.2 | |
| IV 200 | 39.2 | 59.9 | 65.3 | 69.9 | 75.4 | 76.6 | 80.3 | 83.2 | 83.7 | 86.2 | 88.2 | 88.3 | 90.0 | 90.2 | 91.7 | 93.2 | |
| IV 100 | 39.2 | 59.9 | 65.3 | 69.9 | 75.4 | 76.6 | 80.9 | 83.2 | 83.8 | 86.3 | 88.3 | 88.4 | 90.3 | 90.7 | 92.6 | 95.1 | |
| IV 0 | 39.2 | 59.9 | 65.3 | 69.9 | 75.4 | 76.6 | 80.9 | 83.2 | 83.8 | 86.3 | 88.3 | 88.4 | 90.4 | 90.7 | 92.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

2869

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 10.4 | 13.5 | 14.1 | 15.0 | 16.1 | 16.3 | 16.9 | 17.2 | 17.3 | 17.7 | 17.9 | 18.0 | 18.3 | 18.4 | 18.8 | 19.5 |
| ≥ 20000 | 12.3 | 15.8 | 16.7 | 17.8 | 19.3 | 19.6 | 20.3 | 20.9 | 21.0 | 21.7 | 22.3 | 22.3 | 22.9 | 23.0 | 23.4 | 24.2 |
| ≥ 18000 | 12.4 | 16.0 | 16.9 | 18.0 | 19.5 | 19.8 | 20.6 | 21.1 | 21.2 | 22.0 | 22.6 | 22.6 | 23.2 | 23.3 | 23.7 | 24.5 |
| ≥ 16000 | 12.6 | 16.2 | 17.2 | 18.3 | 19.8 | 20.2 | 21.0 | 21.6 | 21.6 | 22.4 | 23.0 | 23.1 | 23.6 | 23.7 | 24.1 | 25.0 |
| ≥ 14000 | 13.3 | 17.2 | 18.3 | 19.5 | 21.1 | 21.4 | 22.4 | 23.0 | 23.1 | 23.9 | 24.5 | 24.6 | 25.3 | 25.4 | 25.8 | 26.6 |
| ≥ 12000 | 14.2 | 18.5 | 19.6 | 21.0 | 22.8 | 23.2 | 24.2 | 24.9 | 24.9 | 25.9 | 26.6 | 26.6 | 27.5 | 27.5 | 28.0 | 28.8 |
| ≥ 10000 | 15.8 | 20.5 | 21.8 | 23.3 | 25.3 | 25.7 | 26.7 | 27.5 | 27.6 | 28.7 | 29.4 | 29.4 | 30.3 | 30.4 | 30.8 | 31.7 |
| ≥ 9000 | 16.5 | 21.3 | 22.7 | 24.1 | 26.2 | 26.7 | 27.8 | 28.7 | 28.7 | 29.8 | 30.5 | 30.5 | 31.4 | 31.5 | 31.9 | 32.8 |
| ≥ 8000 | 18.0 | 23.7 | 25.4 | 27.2 | 29.2 | 29.7 | 31.0 | 32.0 | 32.0 | 33.2 | 33.9 | 34.0 | 34.9 | 35.0 | 35.4 | 36.3 |
| ≥ 7000 | 20.6 | 26.6 | 28.3 | 30.1 | 32.2 | 32.7 | 34.1 | 35.0 | 35.1 | 36.3 | 37.2 | 37.2 | 38.1 | 38.2 | 38.7 | 39.6 |
| ≥ 6000 | 22.7 | 29.1 | 31.0 | 32.8 | 35.0 | 35.5 | 37.0 | 38.1 | 38.2 | 39.4 | 40.2 | 40.3 | 41.2 | 41.3 | 41.8 | 42.7 |
| ≥ 5000 | 25.4 | 32.8 | 35.0 | 37.2 | 39.8 | 40.4 | 42.0 | 43.1 | 43.3 | 44.6 | 45.5 | 45.5 | 46.6 | 46.7 | 47.1 | 48.1 |
| ≥ 4500 | 26.7 | 34.8 | 37.2 | 39.4 | 42.2 | 42.8 | 44.4 | 45.6 | 45.8 | 47.1 | 48.1 | 48.1 | 49.2 | 49.3 | 49.8 | 50.7 |
| ≥ 4000 | 29.4 | 38.6 | 41.2 | 43.6 | 46.6 | 47.2 | 49.0 | 50.2 | 50.5 | 51.9 | 52.9 | 53.0 | 54.1 | 54.2 | 54.6 | 55.5 |
| ≥ 3500 | 32.2 | 42.9 | 45.6 | 48.3 | 51.5 | 52.2 | 54.1 | 55.5 | 55.8 | 57.4 | 58.4 | 58.5 | 59.5 | 59.7 | 60.2 | 61.1 |
| ≥ 3000 | 35.3 | 47.5 | 50.3 | 53.2 | 56.7 | 57.3 | 59.5 | 61.1 | 61.5 | 63.2 | 64.3 | 64.4 | 65.5 | 65.6 | 66.1 | 67.0 |
| ≥ 2500 | 37.8 | 52.0 | 55.1 | 58.0 | 61.8 | 62.5 | 64.8 | 66.6 | 66.9 | 68.8 | 70.0 | 70.1 | 71.2 | 71.3 | 71.9 | 72.8 |
| ≥ 2000 | 39.5 | 55.5 | 58.9 | 62.2 | 66.2 | 67.0 | 69.7 | 71.5 | 71.9 | 74.1 | 75.4 | 75.5 | 76.7 | 76.9 | 77.5 | 78.4 |
| ≥ 1800 | 39.8 | 56.0 | 59.6 | 62.8 | 67.0 | 67.7 | 70.5 | 72.3 | 72.7 | 74.9 | 76.3 | 76.4 | 77.5 | 77.8 | 78.3 | 79.2 |
| ≥ 1500 | 40.4 | 57.0 | 60.7 | 64.0 | 68.2 | 69.0 | 71.9 | 73.9 | 74.3 | 76.6 | 78.0 | 78.1 | 79.3 | 79.5 | 80.1 | 81.0 |
| ≥ 1200 | 40.9 | 58.0 | 61.9 | 65.3 | 69.5 | 70.3 | 73.3 | 75.2 | 75.7 | 78.1 | 79.5 | 79.6 | 81.0 | 81.2 | 81.8 | 82.7 |
| ≥ 1000 | 41.1 | 58.5 | 62.5 | 65.9 | 70.2 | 71.0 | 74.1 | 76.2 | 76.6 | 79.2 | 80.7 | 80.8 | 82.1 | 82.3 | 83.0 | 83.9 |
| ≥ 900 | 41.1 | 58.6 | 62.6 | 66.1 | 70.4 | 71.2 | 74.4 | 76.5 | 76.9 | 79.5 | 81.0 | 81.1 | 82.5 | 82.7 | 83.4 | 84.3 |
| ≥ 800 | 41.1 | 58.7 | 62.7 | 66.3 | 70.8 | 71.6 | 74.8 | 76.9 | 77.4 | 80.0 | 81.7 | 81.8 | 83.3 | 83.5 | 84.2 | 85.1 |
| ≥ 700 | 41.2 | 58.9 | 63.0 | 66.6 | 71.0 | 71.9 | 75.2 | 77.4 | 77.8 | 80.5 | 82.2 | 82.3 | 83.8 | 84.0 | 84.7 | 85.6 |
| ≥ 600 | 41.2 | 59.1 | 63.3 | 66.9 | 71.4 | 72.3 | 75.6 | 77.8 | 78.3 | 81.0 | 82.7 | 82.8 | 84.4 | 84.6 | 85.3 | 86.2 |
| ≥ 500 | 41.3 | 59.1 | 63.3 | 67.0 | 71.5 | 72.6 | 76.2 | 78.4 | 78.9 | 81.7 | 83.5 | 83.6 | 85.1 | 85.3 | 86.2 | 87.1 |
| ≥ 400 | 41.3 | 59.1 | 63.4 | 67.1 | 71.7 | 72.7 | 76.4 | 79.0 | 79.6 | 82.7 | 84.4 | 84.5 | 86.1 | 86.4 | 87.2 | 88.3 |
| ≥ 300 | 41.3 | 59.2 | 63.5 | 67.2 | 71.8 | 72.9 | 76.7 | 79.4 | 79.9 | 83.2 | 85.1 | 85.2 | 87.0 | 87.4 | 88.5 | 89.7 |
| ≥ 200 | 41.3 | 59.2 | 63.5 | 67.2 | 71.9 | 72.9 | 76.7 | 79.5 | 80.1 | 83.5 | 85.8 | 85.9 | 88.1 | 88.6 | 90.1 | 92.4 |
| ≥ 100 | 41.3 | 59.2 | 63.5 | 67.2 | 71.9 | 72.9 | 76.7 | 79.6 | 80.2 | 83.7 | 86.2 | 86.3 | 88.7 | 89.5 | 91.3 | 95.1 |
| ≥ 0 | 41.3 | 59.2 | 63.5 | 67.2 | 71.9 | 72.9 | 76.7 | 79.6 | 80.2 | 83.8 | 86.2 | 86.4 | 88.8 | 89.6 | 91.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2872

USAF ETAC

FORM 0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 10.4 | 12.5 | 13.3 | 13.7 | 14.5 | 14.8 | 15.5 | 15.7 | 15.8 | 16.2 | 16.3 | 16.3 | 16.4 | 16.4 | 16.4 | 16.7 |
| ≥ 20000 | 14.8 | 17.6 | 18.9 | 19.6 | 21.3 | 21.5 | 22.7 | 23.0 | 23.1 | 23.7 | 23.9 | 23.9 | 24.1 | 24.1 | 24.2 | 24.7 |
| ≥ 18000 | 15.2 | 18.0 | 19.4 | 20.3 | 21.8 | 22.2 | 23.4 | 23.7 | 23.8 | 24.4 | 24.7 | 24.7 | 24.9 | 24.9 | 25.0 | 25.5 |
| ≥ 16000 | 15.5 | 18.5 | 19.9 | 20.8 | 22.3 | 22.7 | 23.9 | 24.2 | 24.4 | 25.1 | 25.4 | 25.4 | 25.5 | 25.5 | 25.6 | 26.1 |
| ≥ 14000 | 16.8 | 20.0 | 21.5 | 22.6 | 24.2 | 24.5 | 25.8 | 26.2 | 26.4 | 27.0 | 27.4 | 27.4 | 27.6 | 27.6 | 27.6 | 28.2 |
| ≥ 12000 | 18.3 | 21.8 | 23.5 | 24.7 | 26.5 | 26.9 | 28.3 | 28.8 | 29.0 | 29.8 | 30.1 | 30.1 | 30.3 | 30.3 | 30.4 | 30.9 |
| ≥ 10000 | 20.0 | 24.1 | 25.9 | 27.2 | 29.1 | 29.6 | 31.1 | 31.6 | 31.8 | 32.6 | 33.0 | 33.0 | 33.2 | 33.2 | 33.3 | 33.8 |
| ≥ 9000 | 20.8 | 25.0 | 26.8 | 28.3 | 30.3 | 30.8 | 32.3 | 32.8 | 33.0 | 33.8 | 34.2 | 34.2 | 34.4 | 34.4 | 34.5 | 35.0 |
| ≥ 8000 | 23.1 | 27.7 | 29.9 | 31.6 | 33.7 | 34.3 | 36.0 | 36.5 | 36.7 | 37.6 | 37.9 | 37.9 | 38.2 | 38.2 | 38.2 | 38.8 |
| ≥ 7000 | 24.8 | 30.0 | 32.4 | 34.2 | 36.3 | 36.9 | 38.6 | 39.4 | 39.6 | 40.5 | 40.9 | 40.9 | 41.1 | 41.2 | 41.2 | 41.8 |
| ≥ 6000 | 26.2 | 32.0 | 34.5 | 36.5 | 38.8 | 39.4 | 41.1 | 41.9 | 42.1 | 43.1 | 43.5 | 43.5 | 43.7 | 43.8 | 44.0 | 44.5 |
| ≥ 5000 | 29.1 | 35.6 | 38.4 | 40.7 | 43.2 | 43.9 | 45.7 | 46.6 | 46.8 | 48.1 | 48.5 | 48.5 | 48.8 | 48.8 | 49.0 | 49.6 |
| ≥ 4500 | 31.1 | 37.9 | 41.1 | 43.5 | 45.9 | 46.7 | 48.6 | 49.4 | 49.7 | 51.0 | 51.4 | 51.4 | 51.7 | 51.8 | 52.0 | 52.5 |
| ≥ 4000 | 32.9 | 40.5 | 44.0 | 46.6 | 49.3 | 50.1 | 52.0 | 53.0 | 53.3 | 54.7 | 55.1 | 55.1 | 55.4 | 55.5 | 55.6 | 56.2 |
| ≥ 3500 | 35.5 | 43.7 | 47.5 | 50.3 | 53.2 | 54.0 | 55.9 | 57.0 | 57.4 | 58.8 | 59.3 | 59.3 | 59.5 | 59.6 | 59.8 | 60.3 |
| ≥ 3000 | 38.6 | 48.7 | 52.7 | 55.7 | 58.7 | 59.7 | 61.9 | 63.0 | 63.4 | 65.1 | 65.6 | 65.6 | 65.8 | 65.9 | 66.1 | 66.7 |
| ≥ 2500 | 40.7 | 52.1 | 56.5 | 59.8 | 63.0 | 64.1 | 66.4 | 67.8 | 68.2 | 70.1 | 70.8 | 70.8 | 71.1 | 71.3 | 71.6 | 72.1 |
| ≥ 2000 | 42.8 | 55.1 | 59.8 | 63.3 | 66.8 | 68.2 | 70.7 | 72.5 | 73.0 | 75.2 | 76.1 | 76.1 | 76.4 | 76.5 | 76.9 | 77.4 |
| ≥ 1800 | 43.1 | 55.4 | 60.2 | 63.7 | 67.3 | 68.7 | 71.3 | 73.1 | 73.6 | 75.9 | 76.8 | 76.9 | 77.2 | 77.3 | 77.7 | 78.3 |
| ≥ 1500 | 44.2 | 57.1 | 62.1 | 65.9 | 69.8 | 71.3 | 74.0 | 75.8 | 76.3 | 78.7 | 79.6 | 79.7 | 80.0 | 80.2 | 80.6 | 81.1 |
| ≥ 1200 | 44.8 | 58.3 | 63.4 | 67.2 | 71.3 | 72.7 | 75.7 | 77.9 | 78.0 | 80.6 | 81.5 | 81.5 | 82.0 | 82.2 | 82.5 | 83.1 |
| ≥ 1000 | 45.1 | 58.9 | 64.0 | 67.9 | 72.2 | 73.8 | 77.0 | 78.9 | 79.3 | 82.1 | 83.1 | 83.2 | 83.7 | 83.8 | 84.2 | 84.8 |
| ≥ 900 | 45.1 | 59.1 | 64.2 | 68.2 | 72.5 | 74.1 | 77.3 | 79.3 | 79.9 | 82.5 | 83.5 | 83.5 | 84.0 | 84.2 | 84.6 | 85.2 |
| ≥ 800 | 45.4 | 59.4 | 64.6 | 68.5 | 73.0 | 74.7 | 78.0 | 80.2 | 80.7 | 83.5 | 84.5 | 84.6 | 85.0 | 85.2 | 85.6 | 86.2 |
| ≥ 700 | 45.5 | 59.5 | 64.7 | 68.7 | 73.3 | 74.9 | 78.4 | 80.6 | 81.2 | 84.0 | 85.1 | 85.2 | 85.6 | 85.8 | 86.3 | 86.8 |
| ≥ 600 | 45.5 | 59.6 | 64.7 | 68.8 | 73.5 | 75.3 | 78.9 | 81.1 | 81.8 | 84.7 | 85.9 | 86.0 | 86.5 | 86.7 | 87.1 | 87.7 |
| ≥ 500 | 45.6 | 59.7 | 64.8 | 68.9 | 73.8 | 75.8 | 79.8 | 82.3 | 83.0 | 86.3 | 87.7 | 87.8 | 88.5 | 88.7 | 89.1 | 89.7 |
| ≥ 400 | 45.6 | 59.7 | 64.9 | 69.0 | 74.0 | 76.1 | 80.2 | 83.0 | 83.8 | 87.4 | 89.0 | 89.1 | 89.9 | 90.2 | 90.7 | 91.5 |
| ≥ 300 | 45.6 | 59.7 | 64.9 | 69.1 | 74.1 | 76.2 | 80.5 | 83.4 | 84.3 | 88.0 | 89.7 | 89.9 | 91.1 | 91.4 | 92.3 | 93.4 |
| ≥ 200 | 45.6 | 59.7 | 64.9 | 69.1 | 74.1 | 76.3 | 80.6 | 83.5 | 84.5 | 88.4 | 90.2 | 90.3 | 91.7 | 92.3 | 93.3 | 95.2 |
| ≥ 100 | 45.6 | 59.7 | 64.9 | 69.1 | 74.1 | 76.3 | 80.6 | 83.5 | 84.5 | 88.4 | 90.3 | 90.5 | 91.9 | 92.5 | 93.8 | 96.7 |
| ≥ 0 | 45.6 | 59.7 | 64.9 | 69.1 | 74.1 | 76.3 | 80.6 | 83.5 | 84.5 | 88.4 | 90.3 | 90.5 | 91.9 | 92.5 | 93.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2869

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING ≥ 20000 | 10.6 | 13.2 | 14.0 | 14.9 | 16.0 | 16.1 | 16.8 | 17.1 | 17.2 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.6 | 17.6 |
| IV 18000 | 15.2 | 18.9 | 20.3 | 21.7 | 23.3 | 23.5 | 24.7 | 25.1 | 25.2 | 25.6 | 25.7 | 25.7 | 25.7 | 25.7 | 25.8 | 25.8 |
| IV 16000 | 15.4 | 19.3 | 20.8 | 22.2 | 23.9 | 24.2 | 25.3 | 25.8 | 25.9 | 26.3 | 26.4 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 |
| IV 14000 | 16.2 | 20.1 | 21.7 | 23.1 | 24.8 | 25.1 | 26.3 | 26.8 | 26.9 | 27.3 | 27.4 | 27.5 | 27.5 | 27.6 | 27.6 | 27.6 |
| IV 12000 | 17.3 | 21.4 | 23.0 | 24.6 | 26.3 | 26.6 | 27.8 | 28.3 | 28.5 | 28.9 | 29.0 | 29.0 | 29.1 | 29.1 | 29.2 | 29.2 |
| IV 10000 | 18.7 | 23.2 | 25.1 | 26.9 | 28.6 | 28.9 | 30.3 | 30.9 | 31.0 | 31.4 | 31.6 | 31.6 | 31.7 | 31.7 | 31.7 | 31.7 |
| IV 9000 | 21.0 | 25.8 | 27.9 | 29.9 | 31.8 | 32.1 | 33.7 | 34.2 | 34.4 | 34.9 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 | 35.4 |
| IV 8000 | 21.9 | 26.9 | 29.2 | 31.2 | 33.2 | 33.5 | 35.1 | 35.7 | 35.9 | 36.5 | 36.7 | 36.7 | 36.8 | 36.8 | 36.9 | 36.9 |
| IV 7000 | 24.3 | 29.6 | 32.3 | 34.5 | 36.5 | 37.0 | 38.6 | 39.3 | 39.5 | 40.0 | 40.3 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 |
| IV 6000 | 26.9 | 32.4 | 35.3 | 37.6 | 39.8 | 40.2 | 42.0 | 42.8 | 43.0 | 43.6 | 43.8 | 43.9 | 43.9 | 43.9 | 44.0 | 44.0 |
| IV 5000 | 28.4 | 34.4 | 37.4 | 39.8 | 42.0 | 42.5 | 44.3 | 45.2 | 45.4 | 46.0 | 46.3 | 46.4 | 46.4 | 46.4 | 46.5 | 46.5 |
| IV 4500 | 31.4 | 35.2 | 41.6 | 44.2 | 46.5 | 47.0 | 48.8 | 49.6 | 49.8 | 50.6 | 51.0 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 |
| IV 4000 | 33.0 | 40.5 | 43.9 | 46.6 | 49.0 | 49.5 | 51.5 | 52.4 | 52.6 | 53.5 | 53.8 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 |
| IV 3500 | 35.4 | 43.7 | 47.3 | 50.2 | 52.7 | 53.3 | 55.4 | 56.6 | 56.8 | 57.9 | 58.3 | 58.4 | 58.5 | 58.5 | 58.6 | 58.6 |
| IV 3000 | 37.9 | 46.6 | 50.5 | 53.4 | 56.4 | 57.1 | 59.2 | 60.4 | 60.7 | 61.7 | 62.3 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 |
| IV 2500 | 41.6 | 51.3 | 55.5 | 58.7 | 62.0 | 62.8 | 65.1 | 66.3 | 66.6 | 67.9 | 68.5 | 68.5 | 68.7 | 68.7 | 68.8 | 68.8 |
| IV 2000 | 45.7 | 56.4 | 61.1 | 64.6 | 68.3 | 69.1 | 71.4 | 72.7 | 73.0 | 74.5 | 75.1 | 75.1 | 75.3 | 75.3 | 75.4 | 75.4 |
| IV 1800 | 48.8 | 61.1 | 66.1 | 69.6 | 73.7 | 74.6 | 77.1 | 78.5 | 78.8 | 80.4 | 81.0 | 81.0 | 81.3 | 81.3 | 81.4 | 81.4 |
| IV 1500 | 49.1 | 61.8 | 66.9 | 70.4 | 74.5 | 75.4 | 78.0 | 79.4 | 79.8 | 81.4 | 82.0 | 82.0 | 82.3 | 82.3 | 82.4 | 82.4 |
| IV 1200 | 50.2 | 63.7 | 69.0 | 72.6 | 76.9 | 78.0 | 80.6 | 82.2 | 82.5 | 84.3 | 84.8 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 |
| IV 1000 | 50.9 | 64.9 | 70.2 | 74.0 | 78.5 | 79.6 | 82.3 | 84.0 | 84.4 | 86.2 | 86.8 | 86.8 | 87.2 | 87.2 | 87.4 | 87.4 |
| IV 900 | 51.1 | 65.4 | 71.0 | 75.0 | 79.8 | 80.9 | 83.9 | 85.7 | 86.2 | 88.1 | 88.8 | 88.9 | 89.2 | 89.3 | 89.4 | 89.4 |
| IV 800 | 51.2 | 65.5 | 71.2 | 75.2 | 80.1 | 81.3 | 84.4 | 86.2 | 86.7 | 88.6 | 89.3 | 89.4 | 89.8 | 89.8 | 89.9 | 89.9 |
| IV 700 | 51.3 | 65.9 | 71.6 | 75.8 | 80.7 | 82.0 | 85.3 | 87.2 | 87.8 | 89.8 | 90.6 | 90.6 | 91.0 | 91.0 | 91.2 | 91.2 |
| IV 600 | 51.4 | 66.0 | 71.8 | 76.0 | 81.1 | 82.3 | 85.8 | 87.7 | 88.3 | 90.4 | 91.2 | 91.3 | 91.7 | 91.7 | 91.9 | 91.9 |
| IV 500 | 51.4 | 66.1 | 71.9 | 76.3 | 81.5 | 82.8 | 86.3 | 88.4 | 89.1 | 91.3 | 92.2 | 92.3 | 92.8 | 92.8 | 93.0 | 93.0 |
| IV 400 | 51.5 | 66.3 | 72.1 | 76.5 | 81.7 | 83.1 | 87.0 | 89.3 | 90.1 | 92.8 | 93.9 | 94.0 | 94.7 | 94.7 | 95.0 | 95.0 |
| IV 300 | 51.5 | 66.3 | 72.1 | 76.7 | 82.1 | 83.5 | 87.5 | 90.1 | 91.1 | 94.1 | 95.5 | 95.6 | 96.4 | 96.4 | 96.9 | 97.0 |
| IV 200 | 51.5 | 66.4 | 72.1 | 76.7 | 82.1 | 83.6 | 87.6 | 90.4 | 91.5 | 94.8 | 96.5 | 96.7 | 97.8 | 97.8 | 98.0 | 98.0 |
| IV 100 | 51.5 | 66.4 | 72.1 | 76.7 | 82.1 | 83.6 | 87.6 | 90.4 | 91.5 | 94.8 | 96.6 | 96.7 | 97.8 | 97.8 | 98.0 | 98.0 |
| IV 0 | 51.5 | 66.4 | 72.1 | 76.7 | 82.1 | 83.6 | 87.6 | 90.4 | 91.5 | 94.8 | 96.6 | 96.7 | 97.8 | 97.8 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2871

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

NIV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING ≥ 20000 | 12.0 | 14.5 | 15.5 | 16.6 | 18.1 | 18.2 | 19.1 | 19.6 | 19.8 | 20.1 | 20.2 | 20.2 | 20.4 | 20.5 | 20.5 | 20.6 |
| ≥ 18000 | 16.8 | 20.6 | 21.8 | 23.2 | 25.6 | 26.0 | 27.3 | 28.1 | 28.3 | 28.8 | 29.0 | 29.1 | 29.3 | 29.5 | 29.6 | 29.7 |
| ≥ 16000 | 17.1 | 21.1 | 22.3 | 23.8 | 26.1 | 26.5 | 28.0 | 28.7 | 28.9 | 29.5 | 29.7 | 29.7 | 30.0 | 30.1 | 30.3 | 30.4 |
| ≥ 14000 | 17.9 | 21.9 | 23.2 | 24.8 | 27.2 | 27.6 | 29.1 | 29.8 | 30.0 | 30.6 | 30.8 | 30.8 | 31.1 | 31.2 | 31.4 | 31.5 |
| ≥ 12000 | 19.2 | 23.5 | 25.0 | 26.6 | 29.2 | 29.6 | 31.2 | 32.0 | 32.2 | 32.7 | 32.9 | 33.0 | 33.3 | 33.4 | 33.5 | 33.7 |
| ≥ 10000 | 20.7 | 25.4 | 27.0 | 28.9 | 31.7 | 32.1 | 33.7 | 34.6 | 34.9 | 35.4 | 35.6 | 35.7 | 36.0 | 36.1 | 36.2 | 36.4 |
| ≥ 9000 | 22.0 | 26.9 | 28.7 | 30.6 | 33.5 | 33.9 | 35.7 | 36.7 | 37.1 | 37.6 | 37.9 | 37.9 | 38.2 | 38.3 | 38.4 | 38.6 |
| ≥ 8000 | 22.8 | 27.8 | 29.7 | 31.6 | 34.7 | 35.1 | 36.9 | 38.0 | 38.3 | 38.9 | 39.1 | 39.2 | 39.5 | 39.6 | 39.7 | 39.9 |
| ≥ 7000 | 24.7 | 30.4 | 32.4 | 34.5 | 37.9 | 38.4 | 40.4 | 41.6 | 41.9 | 42.5 | 42.7 | 42.8 | 43.0 | 43.2 | 43.3 | 43.5 |
| ≥ 6000 | 26.8 | 33.0 | 35.1 | 37.4 | 40.9 | 41.5 | 43.5 | 44.8 | 45.1 | 45.7 | 45.9 | 46.0 | 46.3 | 46.5 | 46.6 | 46.8 |
| ≥ 5000 | 28.4 | 35.1 | 37.3 | 39.8 | 43.6 | 44.3 | 46.3 | 47.5 | 47.9 | 48.6 | 48.8 | 48.9 | 49.2 | 49.4 | 49.5 | 49.7 |
| ≥ 4500 | 31.1 | 39.1 | 41.5 | 44.3 | 48.3 | 49.0 | 51.1 | 52.4 | 52.7 | 53.6 | 53.9 | 54.0 | 54.3 | 54.4 | 54.5 | 54.7 |
| ≥ 4000 | 32.9 | 41.3 | 43.8 | 46.6 | 50.7 | 51.5 | 53.7 | 55.0 | 55.3 | 56.3 | 56.6 | 56.7 | 57.0 | 57.2 | 57.3 | 57.5 |
| ≥ 3500 | 35.5 | 44.9 | 47.6 | 50.5 | 55.1 | 56.0 | 58.4 | 59.8 | 60.2 | 61.3 | 61.8 | 61.9 | 62.1 | 62.3 | 62.4 | 62.6 |
| ≥ 3000 | 37.8 | 47.9 | 51.0 | 54.2 | 59.0 | 60.0 | 62.5 | 63.9 | 64.3 | 65.4 | 66.0 | 66.1 | 66.4 | 66.5 | 66.7 | 66.9 |
| ≥ 2500 | 40.7 | 52.2 | 55.7 | 59.1 | 64.2 | 65.2 | 68.0 | 69.6 | 69.9 | 71.2 | 71.8 | 71.9 | 72.2 | 72.4 | 72.5 | 72.7 |
| ≥ 2000 | 43.0 | 57.1 | 61.1 | 64.8 | 70.3 | 71.5 | 74.6 | 76.3 | 76.6 | 77.9 | 78.6 | 78.7 | 79.1 | 79.3 | 79.4 | 79.6 |
| ≥ 1800 | 45.7 | 60.1 | 64.7 | 68.5 | 74.4 | 75.7 | 79.1 | 80.9 | 81.3 | 82.9 | 83.6 | 83.8 | 84.1 | 84.3 | 84.5 | 84.7 |
| ≥ 1500 | 45.9 | 60.6 | 65.2 | 69.2 | 75.1 | 76.4 | 79.8 | 81.7 | 82.0 | 83.7 | 84.4 | 84.6 | 84.9 | 85.2 | 85.3 | 85.6 |
| ≥ 1200 | 46.5 | 61.9 | 66.7 | 70.9 | 77.1 | 78.4 | 82.1 | 84.0 | 84.4 | 86.2 | 86.9 | 87.1 | 87.4 | 87.7 | 87.8 | 88.1 |
| ≥ 1000 | 46.8 | 62.5 | 67.6 | 72.0 | 78.6 | 79.9 | 83.7 | 85.7 | 86.1 | 88.0 | 88.9 | 89.0 | 89.4 | 89.7 | 89.9 | 90.1 |
| ≥ 900 | 46.9 | 63.1 | 68.4 | 72.9 | 79.7 | 81.0 | 85.0 | 87.2 | 87.7 | 89.9 | 90.8 | 90.9 | 91.4 | 91.6 | 91.8 | 92.1 |
| ≥ 800 | 46.9 | 63.2 | 68.5 | 73.1 | 79.9 | 81.3 | 85.3 | 87.6 | 88.1 | 90.3 | 91.2 | 91.4 | 91.8 | 92.1 | 92.3 | 92.5 |
| ≥ 700 | 47.0 | 63.4 | 68.8 | 73.4 | 80.6 | 82.0 | 86.1 | 88.5 | 89.0 | 91.4 | 92.3 | 92.4 | 92.9 | 93.2 | 93.4 | 93.7 |
| ≥ 600 | 47.0 | 63.5 | 68.8 | 73.5 | 80.8 | 82.2 | 86.4 | 88.9 | 89.4 | 91.8 | 92.8 | 92.9 | 93.4 | 93.7 | 93.9 | 94.2 |
| ≥ 500 | 47.0 | 63.6 | 69.0 | 73.8 | 81.1 | 82.6 | 86.9 | 89.5 | 90.0 | 92.7 | 93.7 | 93.9 | 94.6 | 94.8 | 95.1 | 95.4 |
| ≥ 400 | 47.1 | 63.7 | 69.1 | 74.0 | 81.3 | 82.8 | 87.2 | 90.1 | 90.7 | 93.6 | 94.8 | 95.1 | 95.7 | 96.0 | 96.4 | 96.7 |
| ≥ 300 | 47.1 | 63.8 | 69.2 | 74.0 | 81.4 | 83.0 | 87.5 | 90.4 | 91.1 | 94.1 | 95.4 | 95.7 | 96.4 | 96.7 | 97.1 | 97.4 |
| ≥ 200 | 47.1 | 63.8 | 69.2 | 74.0 | 81.5 | 83.1 | 87.6 | 90.6 | 91.3 | 94.3 | 95.6 | 96.0 | 96.3 | 97.1 | 97.6 | 97.9 |
| ≥ 100 | 47.1 | 63.8 | 69.2 | 74.0 | 81.5 | 83.1 | 87.7 | 90.7 | 91.4 | 94.4 | 95.9 | 96.3 | 97.2 | 97.7 | 98.3 | 98.6 |
| ≥ 0 | 47.1 | 63.8 | 69.2 | 74.0 | 81.5 | 83.1 | 87.7 | 90.7 | 91.4 | 94.4 | 95.9 | 96.3 | 97.2 | 97.7 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2869

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING ≥ 20000 | 13.7 | 18.3 | 19.8 | 21.4 | 23.5 | 23.7 | 25.1 | 25.7 | 25.8 | 26.3 | 25.8 | 27.0 | 27.6 | 27.8 | 28.2 | 28.8 |
| ≥ 18000 | 16.2 | 21.7 | 23.4 | 25.1 | 27.6 | 28.0 | 29.7 | 30.4 | 30.5 | 31.3 | 31.9 | 32.0 | 32.7 | 32.9 | 33.3 | 34.1 |
| ≥ 16000 | 16.7 | 22.4 | 24.1 | 25.9 | 28.4 | 28.8 | 30.5 | 31.2 | 31.4 | 32.1 | 32.7 | 32.9 | 33.6 | 33.8 | 34.2 | 35.0 |
| ≥ 14000 | 17.2 | 23.1 | 25.0 | 27.0 | 29.8 | 30.2 | 31.9 | 32.6 | 32.8 | 33.5 | 34.1 | 34.3 | 35.0 | 35.2 | 35.6 | 36.4 |
| ≥ 12000 | 18.2 | 24.4 | 26.4 | 28.5 | 31.5 | 31.9 | 33.8 | 34.7 | 34.9 | 35.7 | 36.3 | 36.5 | 37.2 | 37.4 | 37.8 | 38.6 |
| ≥ 10000 | 19.1 | 25.8 | 27.9 | 30.0 | 33.1 | 33.5 | 35.6 | 36.6 | 36.8 | 37.7 | 38.2 | 38.4 | 39.1 | 39.3 | 39.7 | 40.6 |
| ≥ 9000 | 20.0 | 26.8 | 29.0 | 31.2 | 34.3 | 34.8 | 36.9 | 37.9 | 38.1 | 38.9 | 39.5 | 39.7 | 40.4 | 40.6 | 41.0 | 41.8 |
| ≥ 8000 | 21.9 | 29.3 | 31.7 | 34.1 | 37.5 | 38.0 | 40.1 | 41.2 | 41.4 | 42.3 | 42.9 | 43.1 | 43.8 | 44.0 | 44.4 | 45.2 |
| ≥ 7000 | 23.8 | 31.8 | 34.3 | 36.9 | 40.4 | 41.0 | 43.1 | 44.2 | 44.5 | 45.4 | 46.0 | 46.1 | 46.9 | 47.1 | 47.5 | 48.3 |
| ≥ 6000 | 26.0 | 34.6 | 37.2 | 39.8 | 43.4 | 44.0 | 46.2 | 47.4 | 47.6 | 48.5 | 49.1 | 49.3 | 50.0 | 50.2 | 50.6 | 51.4 |
| ≥ 5000 | 29.3 | 39.3 | 42.2 | 44.9 | 48.8 | 49.4 | 51.8 | 53.1 | 53.4 | 54.4 | 55.0 | 55.1 | 55.9 | 56.1 | 56.5 | 57.4 |
| ≥ 4500 | 30.3 | 41.0 | 44.2 | 47.0 | 51.0 | 51.6 | 53.9 | 55.4 | 55.6 | 56.6 | 57.3 | 57.4 | 58.2 | 58.4 | 58.8 | 59.6 |
| ≥ 4000 | 32.1 | 43.8 | 47.2 | 50.4 | 54.7 | 55.3 | 57.6 | 59.1 | 59.4 | 60.3 | 61.2 | 61.3 | 62.1 | 62.3 | 62.7 | 63.5 |
| ≥ 3500 | 34.7 | 47.8 | 51.4 | 54.8 | 59.2 | 59.8 | 62.3 | 63.9 | 64.3 | 65.4 | 66.1 | 66.2 | 67.0 | 67.2 | 67.6 | 68.4 |
| ≥ 3000 | 37.7 | 52.6 | 56.7 | 60.4 | 65.0 | 65.7 | 68.4 | 70.2 | 70.6 | 71.7 | 72.5 | 72.6 | 73.5 | 73.7 | 74.1 | 74.9 |
| ≥ 2500 | 39.7 | 56.2 | 60.9 | 65.2 | 70.1 | 71.0 | 73.9 | 75.7 | 76.2 | 77.4 | 78.2 | 78.4 | 79.2 | 79.4 | 79.8 | 80.6 |
| ≥ 2000 | 41.2 | 60.0 | 65.3 | 69.9 | 75.3 | 76.2 | 79.6 | 81.7 | 82.1 | 83.4 | 84.4 | 84.6 | 85.4 | 85.6 | 86.1 | 86.9 |
| ≥ 1800 | 41.9 | 60.6 | 66.1 | 70.8 | 76.2 | 77.1 | 80.5 | 82.6 | 83.0 | 84.4 | 85.4 | 85.5 | 86.4 | 86.6 | 87.1 | 87.9 |
| ≥ 1500 | 41.8 | 61.2 | 66.9 | 71.7 | 77.3 | 78.2 | 81.7 | 83.9 | 84.3 | 85.8 | 86.8 | 86.9 | 87.8 | 88.1 | 88.5 | 89.4 |
| ≥ 1200 | 41.9 | 61.4 | 67.3 | 72.3 | 78.0 | 78.9 | 82.5 | 84.7 | 85.1 | 86.5 | 87.6 | 87.7 | 88.6 | 88.9 | 89.3 | 90.2 |
| ≥ 1000 | 42.1 | 61.8 | 68.0 | 73.0 | 78.9 | 79.8 | 83.4 | 85.7 | 86.1 | 87.6 | 88.7 | 88.8 | 89.7 | 90.1 | 90.5 | 91.4 |
| ≥ 900 | 42.2 | 62.0 | 68.1 | 73.3 | 79.2 | 80.2 | 83.9 | 86.2 | 86.6 | 88.1 | 89.2 | 89.3 | 90.2 | 90.6 | 91.0 | 91.9 |
| ≥ 800 | 42.2 | 62.0 | 68.3 | 73.5 | 79.5 | 80.5 | 84.3 | 86.6 | 87.0 | 88.6 | 89.6 | 89.8 | 90.8 | 91.2 | 91.7 | 92.5 |
| ≥ 700 | 42.2 | 62.1 | 68.4 | 73.7 | 79.7 | 80.8 | 84.7 | 87.0 | 87.4 | 89.0 | 90.1 | 90.2 | 91.2 | 91.6 | 92.1 | 93.0 |
| ≥ 600 | 42.2 | 62.2 | 68.5 | 73.8 | 79.8 | 81.0 | 85.1 | 87.5 | 87.9 | 89.6 | 90.7 | 90.8 | 91.9 | 92.3 | 92.8 | 93.7 |
| ≥ 500 | 42.2 | 62.2 | 68.5 | 73.9 | 80.0 | 81.1 | 85.4 | 88.0 | 88.5 | 90.2 | 91.2 | 91.4 | 92.5 | 93.0 | 93.5 | 94.4 |
| ≥ 400 | 42.2 | 62.3 | 68.6 | 74.0 | 80.1 | 81.3 | 85.6 | 88.2 | 88.7 | 90.4 | 91.6 | 91.7 | 92.9 | 93.4 | 93.9 | 94.7 |
| ≥ 300 | 42.2 | 62.3 | 68.6 | 74.0 | 80.2 | 81.3 | 85.7 | 88.5 | 89.0 | 90.9 | 92.2 | 92.3 | 93.7 | 94.2 | 94.7 | 95.6 |
| ≥ 200 | 42.2 | 62.3 | 68.6 | 74.0 | 80.2 | 81.3 | 85.8 | 88.6 | 89.1 | 91.0 | 92.3 | 92.5 | 94.1 | 94.6 | 95.4 | 96.5 |
| ≥ 100 | 42.2 | 62.3 | 68.6 | 74.0 | 80.2 | 81.3 | 85.8 | 88.6 | 89.1 | 91.0 | 92.3 | 92.5 | 94.2 | 94.8 | 95.8 | 97.4 |
| ≥ 0 | 42.2 | 62.3 | 68.6 | 74.0 | 80.2 | 81.3 | 85.8 | 88.6 | 89.1 | 91.0 | 92.3 | 92.5 | 94.2 | 94.8 | 95.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2868

USAF ETAC

FORM
1 JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.15 | ≥.1 |
| NO CEILING ≥ 20000 | 12.3 | 16.8 | 17.9 | 19.7 | 21.4 | 21.8 | 23.1 | 24.0 | 24.2 | 25.2 | 25.9 | 26.0 | 27.2 | 27.5 | 28.2 | 29.9 |
| ≥ 18000 | 14.0 | 19.4 | 20.8 | 22.7 | 24.7 | 25.1 | 26.3 | 27.3 | 27.5 | 28.9 | 29.7 | 29.9 | 31.3 | 31.6 | 32.4 | 34.2 |
| ≥ 16000 | 14.1 | 19.5 | 20.8 | 22.8 | 24.7 | 25.1 | 26.4 | 27.4 | 27.6 | 29.0 | 29.9 | 30.0 | 31.5 | 31.8 | 32.6 | 34.4 |
| ≥ 14000 | 14.2 | 19.7 | 21.1 | 23.1 | 25.0 | 25.4 | 26.6 | 27.7 | 27.9 | 29.3 | 30.2 | 30.3 | 31.8 | 32.1 | 32.8 | 34.7 |
| ≥ 12000 | 14.8 | 20.7 | 22.1 | 24.2 | 26.2 | 26.7 | 28.0 | 29.1 | 29.3 | 30.8 | 31.7 | 31.8 | 33.3 | 33.5 | 34.3 | 36.1 |
| ≥ 10000 | 15.6 | 22.1 | 23.6 | 25.8 | 27.9 | 28.4 | 29.8 | 30.9 | 31.2 | 32.6 | 33.5 | 33.6 | 35.1 | 35.4 | 36.2 | 38.2 |
| ≥ 9000 | 17.0 | 24.1 | 25.8 | 28.0 | 30.5 | 31.0 | 32.6 | 33.7 | 34.0 | 35.6 | 36.4 | 36.6 | 38.1 | 38.4 | 39.2 | 41.2 |
| ≥ 8000 | 17.5 | 24.7 | 26.4 | 28.8 | 31.4 | 31.9 | 33.5 | 34.6 | 34.9 | 36.5 | 37.4 | 37.5 | 39.1 | 39.4 | 40.1 | 42.2 |
| ≥ 7000 | 19.1 | 26.6 | 28.5 | 31.0 | 33.7 | 34.2 | 35.9 | 37.0 | 37.4 | 39.0 | 39.9 | 40.1 | 41.6 | 41.9 | 42.7 | 44.7 |
| ≥ 6000 | 20.6 | 28.8 | 30.9 | 33.5 | 36.4 | 36.9 | 38.6 | 39.9 | 40.3 | 42.0 | 42.9 | 43.0 | 44.6 | 45.0 | 45.8 | 47.8 |
| ≥ 5000 | 22.0 | 30.9 | 33.1 | 35.7 | 38.6 | 39.2 | 41.0 | 42.3 | 42.7 | 44.4 | 45.3 | 45.5 | 47.1 | 47.4 | 48.3 | 50.3 |
| ≥ 4500 | 25.3 | 36.1 | 38.4 | 41.3 | 44.4 | 45.0 | 46.9 | 48.3 | 48.7 | 50.5 | 51.5 | 51.6 | 53.2 | 53.6 | 54.5 | 56.5 |
| ≥ 4000 | 27.0 | 38.3 | 40.8 | 43.8 | 47.0 | 47.6 | 49.6 | 51.0 | 51.4 | 53.3 | 54.3 | 54.5 | 56.1 | 56.4 | 57.3 | 59.3 |
| ≥ 3500 | 29.4 | 41.7 | 44.6 | 48.0 | 51.4 | 52.1 | 54.2 | 55.6 | 56.0 | 57.9 | 58.9 | 59.1 | 60.7 | 61.0 | 61.9 | 64.0 |
| ≥ 3000 | 31.9 | 45.5 | 48.6 | 52.2 | 55.9 | 56.5 | 58.8 | 60.2 | 60.6 | 62.6 | 63.6 | 63.8 | 65.4 | 65.7 | 66.7 | 68.7 |
| ≥ 2500 | 34.5 | 49.9 | 53.4 | 57.2 | 61.1 | 62.0 | 64.2 | 65.7 | 66.1 | 68.2 | 69.3 | 69.4 | 71.1 | 71.4 | 72.4 | 74.4 |
| ≥ 2000 | 36.7 | 53.9 | 57.7 | 61.8 | 65.9 | 66.8 | 69.2 | 70.8 | 71.2 | 73.3 | 74.5 | 74.7 | 76.4 | 76.7 | 77.6 | 79.6 |
| ≥ 1800 | 38.3 | 57.6 | 61.9 | 66.2 | 70.7 | 71.7 | 74.3 | 76.0 | 76.4 | 78.7 | 79.9 | 80.1 | 81.8 | 82.1 | 83.1 | 85.1 |
| ≥ 1500 | 38.5 | 58.4 | 62.7 | 67.1 | 71.7 | 72.7 | 75.3 | 77.1 | 77.5 | 79.8 | 81.0 | 81.2 | 82.9 | 83.2 | 84.2 | 86.2 |
| ≥ 1200 | 38.8 | 59.3 | 63.8 | 68.2 | 73.1 | 74.1 | 77.0 | 78.8 | 79.2 | 81.5 | 82.7 | 82.9 | 84.7 | 85.0 | 85.9 | 88.0 |
| ≥ 1000 | 38.9 | 59.8 | 64.4 | 69.0 | 74.0 | 75.0 | 77.9 | 79.7 | 80.2 | 82.5 | 83.6 | 83.8 | 85.7 | 86.0 | 86.9 | 89.0 |
| ≥ 900 | 39.1 | 60.2 | 64.9 | 69.8 | 74.9 | 75.9 | 78.9 | 80.8 | 81.3 | 83.6 | 84.8 | 85.1 | 87.0 | 87.3 | 88.2 | 90.3 |
| ≥ 800 | 39.3 | 60.5 | 65.3 | 70.3 | 75.5 | 76.5 | 79.4 | 81.3 | 81.9 | 84.3 | 85.5 | 85.8 | 87.7 | 88.0 | 88.9 | 91.0 |
| ≥ 700 | 39.4 | 60.7 | 65.5 | 70.5 | 75.7 | 76.7 | 79.7 | 81.6 | 82.2 | 84.7 | 85.9 | 86.1 | 88.1 | 88.4 | 89.4 | 91.4 |
| ≥ 600 | 39.4 | 60.7 | 65.5 | 70.5 | 75.8 | 76.8 | 79.9 | 81.8 | 82.3 | 84.9 | 86.0 | 86.3 | 88.3 | 88.6 | 89.6 | 91.6 |
| ≥ 500 | 39.4 | 60.8 | 65.7 | 70.7 | 76.0 | 77.1 | 80.3 | 82.3 | 82.8 | 85.4 | 86.7 | 86.9 | 88.9 | 89.2 | 90.2 | 92.2 |
| ≥ 400 | 39.4 | 60.9 | 65.8 | 70.9 | 76.3 | 77.5 | 80.7 | 82.8 | 83.4 | 86.1 | 87.4 | 87.7 | 89.8 | 90.1 | 91.1 | 93.2 |
| ≥ 300 | 39.4 | 61.0 | 65.9 | 71.0 | 76.4 | 77.7 | 81.1 | 83.3 | 83.8 | 86.6 | 88.0 | 88.3 | 90.5 | 90.8 | 91.8 | 93.9 |
| ≥ 200 | 39.4 | 61.0 | 65.9 | 71.0 | 76.5 | 77.8 | 81.3 | 83.6 | 84.2 | 87.2 | 88.5 | 88.9 | 91.2 | 91.5 | 92.5 | 94.8 |
| ≥ 100 | 39.4 | 61.0 | 65.9 | 71.0 | 76.5 | 77.8 | 81.3 | 83.7 | 84.3 | 87.4 | 89.0 | 89.4 | 91.8 | 92.1 | 93.2 | 95.6 |
| ≥ 0 | 39.4 | 61.0 | 65.9 | 71.0 | 76.5 | 77.8 | 81.3 | 83.7 | 84.3 | 87.4 | 89.0 | 89.4 | 91.9 | 92.3 | 93.7 | 96.7 |

TOTAL NUMBER OF OBSERVATIONS

2872

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING ≥ 20000 | 10.2 | 14.5 | 15.6 | 16.4 | 17.4 | 17.7 | 18.7 | 19.4 | 19.7 | 20.5 | 21.1 | 21.1 | 21.7 | 21.7 | 22.3 | 23.1 |
| ≥ 18000 | 11.3 | 16.1 | 17.3 | 18.2 | 19.3 | 19.6 | 20.7 | 21.5 | 21.8 | 22.6 | 23.2 | 23.3 | 23.8 | 23.9 | 24.5 | 25.3 |
| ≥ 16000 | 11.6 | 16.4 | 17.6 | 18.5 | 19.6 | 20.0 | 21.0 | 21.9 | 22.1 | 23.0 | 23.6 | 23.6 | 24.2 | 24.2 | 24.8 | 25.6 |
| ≥ 14000 | 12.2 | 17.0 | 18.3 | 19.2 | 20.4 | 20.8 | 22.0 | 22.9 | 23.2 | 24.1 | 24.7 | 24.7 | 25.3 | 25.4 | 26.0 | 26.8 |
| ≥ 12000 | 12.9 | 18.2 | 19.6 | 20.6 | 21.8 | 22.3 | 23.7 | 24.5 | 24.8 | 25.7 | 26.4 | 26.5 | 27.0 | 27.1 | 27.8 | 28.6 |
| ≥ 10000 | 14.1 | 19.7 | 21.1 | 22.2 | 23.6 | 24.0 | 25.4 | 26.3 | 26.5 | 27.5 | 28.2 | 28.3 | 28.8 | 28.9 | 29.6 | 30.4 |
| ≥ 9000 | 14.8 | 20.5 | 21.9 | 23.0 | 24.3 | 24.8 | 26.2 | 27.0 | 27.3 | 28.3 | 29.0 | 29.1 | 29.6 | 29.7 | 30.4 | 31.2 |
| ≥ 8000 | 16.6 | 22.7 | 24.1 | 25.4 | 26.8 | 27.2 | 28.8 | 29.6 | 30.0 | 31.1 | 31.8 | 31.9 | 32.4 | 32.6 | 33.2 | 34.0 |
| ≥ 7000 | 18.9 | 25.8 | 27.4 | 28.7 | 30.2 | 30.7 | 32.2 | 33.1 | 33.5 | 34.7 | 35.4 | 35.4 | 36.0 | 36.2 | 36.8 | 37.6 |
| ≥ 6000 | 19.9 | 27.4 | 29.1 | 30.5 | 32.0 | 32.5 | 34.2 | 35.1 | 35.4 | 36.7 | 37.4 | 37.5 | 38.1 | 38.2 | 38.9 | 39.7 |
| ≥ 5000 | 22.6 | 31.5 | 33.5 | 35.0 | 36.7 | 37.2 | 39.0 | 40.0 | 40.3 | 41.9 | 42.7 | 42.7 | 43.4 | 43.5 | 44.2 | 45.0 |
| ≥ 4500 | 24.2 | 33.7 | 35.8 | 37.4 | 39.1 | 39.6 | 41.5 | 42.5 | 42.9 | 44.5 | 45.3 | 45.4 | 46.0 | 46.2 | 46.9 | 47.7 |
| ≥ 4000 | 26.7 | 37.9 | 40.2 | 42.0 | 43.8 | 44.4 | 46.6 | 47.6 | 47.9 | 49.6 | 50.5 | 50.6 | 51.2 | 51.4 | 52.1 | 52.9 |
| ≥ 3500 | 30.0 | 42.6 | 45.1 | 47.0 | 48.9 | 49.5 | 51.7 | 52.8 | 53.2 | 54.9 | 55.8 | 55.9 | 56.7 | 56.9 | 57.6 | 58.4 |
| ≥ 3000 | 34.3 | 48.4 | 51.2 | 53.5 | 55.7 | 56.5 | 58.8 | 60.0 | 60.5 | 62.3 | 63.2 | 63.3 | 64.1 | 64.3 | 65.0 | 65.9 |
| ≥ 2500 | 37.2 | 53.4 | 57.0 | 59.6 | 62.1 | 62.9 | 65.4 | 66.6 | 67.2 | 69.1 | 70.2 | 70.3 | 71.1 | 71.2 | 71.9 | 72.9 |
| ≥ 2000 | 39.9 | 59.0 | 63.3 | 66.4 | 69.2 | 70.2 | 72.8 | 74.2 | 74.7 | 76.8 | 77.8 | 77.9 | 78.8 | 78.9 | 79.6 | 80.6 |
| ≥ 1800 | 40.3 | 59.8 | 64.2 | 67.4 | 70.3 | 71.2 | 73.9 | 75.4 | 75.9 | 78.0 | 79.0 | 79.1 | 79.9 | 80.1 | 80.8 | 81.7 |
| ≥ 1500 | 41.1 | 61.3 | 66.1 | 69.4 | 72.6 | 73.5 | 76.2 | 77.7 | 78.3 | 80.4 | 81.5 | 81.6 | 82.4 | 82.6 | 83.3 | 84.2 |
| ≥ 1200 | 41.6 | 62.3 | 67.4 | 70.9 | 74.2 | 75.3 | 78.1 | 79.6 | 80.2 | 82.4 | 83.5 | 83.6 | 84.5 | 84.7 | 85.4 | 86.3 |
| ≥ 1000 | 41.8 | 62.8 | 68.0 | 71.7 | 75.1 | 76.1 | 79.1 | 80.7 | 81.3 | 83.6 | 84.8 | 85.0 | 85.9 | 86.1 | 86.8 | 87.8 |
| ≥ 900 | 41.9 | 63.0 | 68.2 | 71.9 | 75.3 | 76.3 | 79.3 | 81.0 | 81.5 | 83.9 | 85.2 | 85.3 | 86.3 | 86.5 | 87.2 | 88.2 |
| ≥ 800 | 41.9 | 63.2 | 68.4 | 72.1 | 75.6 | 76.6 | 79.6 | 81.2 | 81.9 | 84.3 | 85.6 | 85.8 | 86.7 | 86.9 | 87.7 | 88.7 |
| ≥ 700 | 42.0 | 63.5 | 68.8 | 72.5 | 76.0 | 77.1 | 80.1 | 81.8 | 82.4 | 84.8 | 86.2 | 86.3 | 87.3 | 87.5 | 88.2 | 89.2 |
| ≥ 600 | 42.0 | 63.6 | 69.0 | 72.7 | 76.4 | 77.5 | 80.5 | 82.3 | 82.8 | 85.4 | 86.8 | 87.0 | 87.9 | 88.1 | 88.9 | 89.9 |
| ≥ 500 | 42.0 | 63.6 | 69.0 | 72.8 | 76.6 | 77.7 | 80.8 | 82.6 | 83.3 | 86.0 | 87.4 | 87.6 | 88.7 | 89.0 | 89.8 | 90.8 |
| ≥ 400 | 42.0 | 63.7 | 69.1 | 73.0 | 76.8 | 78.1 | 81.3 | 83.1 | 83.9 | 86.6 | 88.0 | 88.3 | 89.4 | 89.7 | 90.6 | 91.6 |
| ≥ 300 | 42.0 | 63.7 | 69.1 | 73.0 | 76.8 | 78.1 | 81.5 | 83.4 | 84.2 | 87.0 | 88.7 | 88.9 | 90.1 | 90.4 | 91.3 | 92.5 |
| ≥ 200 | 42.0 | 63.7 | 69.1 | 73.1 | 76.9 | 78.2 | 81.7 | 83.7 | 84.5 | 87.5 | 89.2 | 89.6 | 91.0 | 91.3 | 92.4 | 93.9 |
| ≥ 100 | 42.0 | 63.7 | 69.1 | 73.1 | 76.9 | 78.3 | 81.8 | 83.8 | 84.6 | 87.6 | 89.4 | 89.7 | 91.3 | 91.6 | 92.8 | 95.0 |
| ≥ 0 | 42.0 | 63.7 | 69.1 | 73.1 | 76.9 | 78.3 | 81.8 | 83.8 | 84.6 | 87.6 | 89.4 | 89.7 | 91.3 | 91.6 | 93.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2962

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 10.2 | 14.9 | 15.7 | 17.2 | 18.5 | 18.7 | 19.4 | 19.7 | 19.8 | 20.5 | 21.1 | 21.1 | 21.7 | 22.0 | 22.3 | 23.1 |
| ≥ 20000 | 10.7 | 16.1 | 17.0 | 18.6 | 20.0 | 20.3 | 21.1 | 21.5 | 21.6 | 22.4 | 23.1 | 23.1 | 23.7 | 24.0 | 24.3 | 25.1 |
| ≥ 18000 | 10.9 | 16.1 | 17.0 | 18.6 | 20.0 | 20.4 | 21.1 | 21.6 | 21.7 | 22.5 | 23.1 | 23.2 | 23.8 | 24.0 | 24.4 | 25.1 |
| ≥ 16000 | 11.0 | 16.2 | 17.1 | 18.7 | 20.2 | 20.5 | 21.3 | 21.7 | 21.8 | 22.6 | 23.2 | 23.3 | 23.9 | 24.1 | 24.5 | 25.3 |
| ≥ 14000 | 11.3 | 16.8 | 17.7 | 19.4 | 20.8 | 21.2 | 22.0 | 22.5 | 22.6 | 23.4 | 24.1 | 24.1 | 24.8 | 25.0 | 25.4 | 26.1 |
| ≥ 12000 | 12.1 | 17.8 | 18.9 | 20.6 | 22.1 | 22.5 | 23.3 | 23.8 | 23.9 | 24.8 | 25.4 | 25.5 | 26.1 | 26.3 | 26.7 | 27.5 |
| ≥ 10000 | 13.4 | 19.4 | 20.6 | 22.3 | 24.0 | 24.4 | 25.3 | 25.7 | 25.8 | 26.7 | 27.4 | 27.5 | 28.1 | 28.3 | 28.7 | 29.4 |
| ≥ 9000 | 14.2 | 20.2 | 21.4 | 23.3 | 25.0 | 25.3 | 26.2 | 26.7 | 26.8 | 27.8 | 28.5 | 28.5 | 29.1 | 29.4 | 29.8 | 30.5 |
| ≥ 8000 | 15.9 | 22.4 | 23.7 | 25.7 | 27.4 | 27.8 | 28.7 | 29.3 | 29.5 | 30.4 | 31.1 | 31.2 | 31.8 | 32.1 | 32.5 | 33.2 |
| ≥ 7000 | 17.8 | 24.6 | 26.0 | 28.1 | 29.8 | 30.2 | 31.2 | 31.9 | 32.0 | 33.0 | 33.7 | 33.8 | 34.4 | 34.7 | 35.1 | 35.9 |
| ≥ 6000 | 19.0 | 26.5 | 28.0 | 30.2 | 31.9 | 32.4 | 33.5 | 34.1 | 34.3 | 35.3 | 36.0 | 36.1 | 36.7 | 37.0 | 37.3 | 38.2 |
| ≥ 5000 | 22.8 | 31.7 | 33.3 | 35.5 | 37.5 | 37.9 | 39.2 | 39.9 | 40.0 | 41.2 | 42.0 | 42.0 | 42.7 | 43.0 | 43.4 | 44.2 |
| ≥ 4500 | 24.3 | 33.8 | 35.5 | 37.7 | 39.8 | 40.3 | 41.7 | 42.4 | 42.5 | 43.7 | 44.5 | 44.6 | 45.3 | 45.6 | 46.0 | 46.8 |
| ≥ 4000 | 27.7 | 38.3 | 40.2 | 42.6 | 44.8 | 45.4 | 46.9 | 47.7 | 47.8 | 49.2 | 50.0 | 50.1 | 50.8 | 51.1 | 51.5 | 52.3 |
| ≥ 3500 | 29.9 | 41.9 | 44.3 | 47.0 | 49.2 | 49.9 | 51.6 | 52.3 | 52.5 | 53.9 | 54.7 | 54.8 | 55.6 | 55.8 | 56.3 | 57.1 |
| ≥ 3000 | 33.5 | 48.0 | 50.9 | 53.7 | 56.2 | 56.8 | 58.7 | 59.6 | 59.8 | 61.3 | 62.2 | 62.3 | 63.1 | 63.4 | 63.9 | 64.7 |
| ≥ 2500 | 36.6 | 53.9 | 57.3 | 60.4 | 63.0 | 63.7 | 65.8 | 66.7 | 66.9 | 68.6 | 69.5 | 69.6 | 70.4 | 70.7 | 71.3 | 72.1 |
| ≥ 2000 | 39.6 | 58.9 | 63.0 | 66.7 | 69.6 | 70.3 | 72.6 | 73.6 | 73.9 | 75.7 | 76.6 | 76.7 | 77.5 | 77.9 | 78.4 | 79.3 |
| ≥ 1800 | 40.1 | 59.9 | 64.3 | 68.0 | 71.0 | 71.8 | 74.1 | 75.1 | 75.4 | 77.2 | 78.1 | 78.2 | 79.1 | 79.4 | 80.0 | 80.9 |
| ≥ 1500 | 40.9 | 61.4 | 65.9 | 69.7 | 72.9 | 73.7 | 76.2 | 77.3 | 77.5 | 79.4 | 80.3 | 80.4 | 81.3 | 81.7 | 82.2 | 83.1 |
| ≥ 1200 | 41.3 | 62.6 | 67.2 | 71.2 | 74.6 | 75.3 | 77.9 | 79.0 | 79.3 | 81.2 | 82.2 | 82.3 | 83.2 | 83.6 | 84.1 | 85.0 |
| ≥ 1000 | 41.6 | 63.3 | 68.1 | 72.2 | 75.9 | 76.6 | 79.4 | 80.6 | 80.8 | 82.8 | 83.9 | 84.0 | 85.0 | 85.3 | 86.1 | 87.0 |
| ≥ 900 | 41.7 | 63.5 | 68.4 | 72.5 | 76.3 | 77.0 | 79.9 | 81.1 | 81.4 | 83.4 | 84.5 | 84.6 | 85.6 | 86.0 | 86.7 | 87.6 |
| ≥ 800 | 41.8 | 63.6 | 68.5 | 72.8 | 76.6 | 77.4 | 80.3 | 81.6 | 81.9 | 84.0 | 85.1 | 85.2 | 86.2 | 86.6 | 87.4 | 88.2 |
| ≥ 700 | 41.9 | 63.8 | 68.7 | 73.1 | 77.0 | 77.8 | 80.9 | 82.2 | 82.5 | 84.7 | 85.8 | 85.8 | 86.9 | 87.3 | 88.0 | 88.9 |
| ≥ 600 | 41.9 | 63.9 | 68.9 | 73.4 | 77.3 | 78.1 | 81.3 | 82.6 | 82.9 | 85.1 | 86.3 | 86.3 | 87.4 | 87.8 | 88.6 | 89.5 |
| ≥ 500 | 42.0 | 63.9 | 69.0 | 73.6 | 77.7 | 78.8 | 81.9 | 83.4 | 83.7 | 86.1 | 87.2 | 87.3 | 88.4 | 88.8 | 89.7 | 90.6 |
| ≥ 400 | 42.0 | 64.0 | 69.1 | 73.7 | 78.0 | 79.1 | 82.5 | 83.9 | 84.3 | 86.7 | 87.9 | 88.0 | 89.1 | 89.6 | 90.5 | 91.4 |
| ≥ 300 | 42.0 | 64.0 | 69.1 | 73.8 | 78.2 | 79.3 | 82.8 | 84.3 | 84.6 | 87.2 | 88.5 | 88.6 | 89.8 | 90.3 | 91.2 | 92.1 |
| ≥ 200 | 42.1 | 64.1 | 69.2 | 73.8 | 78.2 | 79.4 | 83.0 | 84.5 | 85.0 | 87.9 | 89.4 | 89.5 | 90.9 | 91.5 | 92.5 | 93.9 |
| ≥ 100 | 42.1 | 64.1 | 69.2 | 73.8 | 78.2 | 79.4 | 83.0 | 84.5 | 85.1 | 88.0 | 89.7 | 89.8 | 91.3 | 92.0 | 93.1 | 95.2 |
| ≥ 0 | 42.1 | 64.1 | 69.2 | 73.8 | 78.2 | 79.4 | 83.0 | 84.5 | 85.1 | 88.0 | 89.7 | 89.8 | 91.3 | 92.0 | 93.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2961

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 8.6 | 12.0 | 12.8 | 13.3 | 14.0 | 14.0 | 14.6 | 15.0 | 15.1 | 15.7 | 16.1 | 16.1 | 16.4 | 16.4 | 16.7 | 17.4 |
| ≥ 20000 | 10.2 | 14.0 | 14.8 | 15.5 | 16.4 | 16.5 | 17.3 | 17.8 | 17.9 | 18.7 | 19.0 | 19.1 | 19.4 | 19.4 | 19.7 | 20.5 |
| IV ≥ 18000 | 10.3 | 14.2 | 13.0 | 15.7 | 16.6 | 16.7 | 17.5 | 18.0 | 18.2 | 18.9 | 19.3 | 19.3 | 19.6 | 19.7 | 20.0 | 20.7 |
| IV ≥ 16000 | 10.5 | 14.5 | 15.3 | 16.1 | 17.0 | 17.1 | 17.9 | 18.4 | 18.6 | 19.3 | 19.6 | 19.7 | 20.0 | 20.1 | 20.4 | 21.1 |
| IV ≥ 14000 | 11.1 | 15.2 | 16.2 | 17.0 | 18.0 | 18.1 | 19.0 | 19.5 | 19.6 | 20.4 | 20.7 | 20.8 | 21.1 | 21.2 | 21.5 | 22.3 |
| IV ≥ 12000 | 12.0 | 16.4 | 17.0 | 18.4 | 19.4 | 19.5 | 20.4 | 21.0 | 21.1 | 21.9 | 22.2 | 22.3 | 22.6 | 22.7 | 23.0 | 23.9 |
| IV ≥ 10000 | 13.7 | 18.5 | 19.6 | 20.5 | 21.6 | 21.7 | 22.8 | 23.4 | 23.5 | 24.3 | 24.7 | 24.8 | 25.1 | 25.2 | 25.5 | 26.4 |
| IV ≥ 9000 | 14.3 | 19.3 | 20.4 | 21.3 | 22.4 | 22.5 | 23.6 | 24.3 | 24.4 | 25.3 | 25.7 | 25.7 | 26.1 | 26.1 | 26.5 | 27.4 |
| IV ≥ 8000 | 15.9 | 21.3 | 22.5 | 23.5 | 24.7 | 24.9 | 26.0 | 26.7 | 26.9 | 27.8 | 28.3 | 28.3 | 28.7 | 28.8 | 29.2 | 30.1 |
| IV ≥ 7000 | 17.5 | 23.2 | 24.5 | 25.6 | 26.8 | 27.0 | 28.1 | 28.8 | 29.0 | 30.1 | 30.5 | 30.6 | 31.0 | 31.1 | 31.5 | 32.4 |
| IV ≥ 6000 | 19.1 | 25.3 | 26.8 | 27.9 | 29.4 | 29.6 | 30.7 | 31.4 | 31.7 | 32.8 | 33.3 | 33.3 | 33.7 | 33.8 | 34.3 | 35.2 |
| IV ≥ 5000 | 22.2 | 29.5 | 31.2 | 32.4 | 34.1 | 34.2 | 35.5 | 36.3 | 36.6 | 38.0 | 38.5 | 38.5 | 38.9 | 39.0 | 39.5 | 40.5 |
| IV ≥ 4500 | 23.7 | 31.7 | 33.6 | 34.9 | 36.6 | 36.7 | 38.1 | 38.9 | 39.2 | 40.6 | 41.1 | 41.2 | 41.6 | 41.7 | 42.1 | 43.1 |
| IV ≥ 4000 | 26.7 | 36.2 | 38.6 | 40.0 | 42.0 | 42.2 | 43.8 | 44.7 | 45.0 | 46.6 | 47.1 | 47.2 | 47.7 | 47.8 | 48.3 | 49.2 |
| IV ≥ 3500 | 30.3 | 41.2 | 43.8 | 45.4 | 47.5 | 47.8 | 49.5 | 50.5 | 50.9 | 52.7 | 53.2 | 53.2 | 53.7 | 53.8 | 54.3 | 55.3 |
| IV ≥ 3000 | 33.6 | 46.7 | 49.9 | 51.7 | 54.2 | 54.6 | 56.5 | 57.6 | 57.9 | 59.8 | 60.3 | 60.4 | 60.9 | 61.0 | 61.5 | 62.6 |
| IV ≥ 2500 | 36.7 | 52.0 | 55.9 | 58.0 | 60.7 | 61.2 | 63.3 | 64.4 | 64.8 | 66.8 | 67.4 | 67.5 | 68.0 | 68.1 | 68.8 | 69.9 |
| IV ≥ 2000 | 39.6 | 56.9 | 61.7 | 64.3 | 67.5 | 68.1 | 70.7 | 71.8 | 72.2 | 74.4 | 75.2 | 75.3 | 75.9 | 76.0 | 76.7 | 77.8 |
| IV ≥ 1800 | 40.3 | 57.7 | 62.6 | 65.2 | 68.7 | 69.3 | 71.9 | 73.1 | 73.5 | 75.7 | 76.5 | 76.6 | 77.2 | 77.4 | 78.0 | 79.1 |
| IV ≥ 1500 | 41.6 | 59.8 | 64.9 | 67.7 | 71.5 | 72.2 | 74.9 | 76.2 | 76.6 | 78.8 | 79.8 | 79.9 | 80.6 | 80.7 | 81.4 | 82.5 |
| IV ≥ 1200 | 42.1 | 61.1 | 66.2 | 69.3 | 73.3 | 74.0 | 76.8 | 78.2 | 78.6 | 80.9 | 82.0 | 82.1 | 82.8 | 82.9 | 83.6 | 84.7 |
| IV ≥ 1000 | 42.5 | 62.0 | 67.3 | 70.4 | 74.6 | 75.3 | 78.1 | 79.6 | 80.0 | 82.5 | 83.7 | 83.7 | 84.6 | 84.7 | 85.4 | 86.5 |
| IV ≥ 900 | 42.6 | 62.2 | 67.4 | 70.5 | 74.7 | 75.5 | 78.4 | 79.9 | 80.4 | 82.9 | 84.0 | 84.1 | 85.1 | 85.2 | 85.9 | 87.0 |
| IV ≥ 800 | 42.6 | 62.3 | 67.6 | 70.7 | 75.0 | 75.7 | 78.7 | 80.3 | 80.7 | 83.3 | 84.5 | 84.6 | 85.6 | 85.8 | 86.5 | 87.6 |
| IV ≥ 700 | 42.7 | 62.5 | 67.9 | 71.0 | 75.4 | 76.2 | 79.1 | 80.8 | 81.2 | 83.9 | 85.1 | 85.2 | 86.3 | 86.5 | 87.2 | 88.4 |
| IV ≥ 600 | 42.7 | 62.5 | 67.9 | 71.2 | 75.7 | 76.5 | 79.5 | 81.1 | 81.6 | 84.2 | 85.5 | 85.6 | 86.8 | 87.0 | 87.7 | 88.9 |
| IV ≥ 500 | 42.8 | 62.6 | 68.1 | 71.4 | 75.9 | 76.8 | 79.9 | 81.6 | 82.2 | 84.9 | 86.3 | 86.4 | 87.7 | 87.9 | 88.7 | 89.9 |
| IV ≥ 400 | 42.8 | 62.7 | 68.1 | 71.5 | 76.2 | 77.1 | 80.4 | 82.2 | 82.8 | 85.6 | 87.2 | 87.3 | 88.6 | 88.9 | 89.7 | 90.9 |
| IV ≥ 300 | 42.8 | 62.7 | 68.1 | 71.6 | 76.3 | 77.2 | 80.6 | 82.5 | 83.2 | 86.2 | 87.8 | 87.9 | 89.5 | 89.8 | 90.7 | 92.0 |
| IV ≥ 200 | 42.8 | 62.7 | 68.2 | 71.6 | 76.4 | 77.3 | 80.8 | 82.9 | 83.7 | 86.9 | 88.6 | 88.7 | 90.6 | 90.9 | 92.1 | 93.7 |
| IV ≥ 100 | 42.8 | 62.7 | 68.2 | 71.6 | 76.4 | 77.4 | 80.9 | 83.0 | 83.7 | 87.0 | 88.7 | 88.8 | 90.7 | 91.2 | 92.5 | 95.3 |
| IV ≥ 0 | 42.8 | 62.7 | 68.2 | 71.6 | 76.4 | 77.4 | 80.9 | 83.0 | 83.7 | 87.0 | 88.7 | 88.8 | 90.8 | 91.3 | 92.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2959

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207 MCCHORD AFB WASHINGTON/TACOMA 40-71

DFC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 7.5 | 9.7 | 10.2 | 10.8 | 11.6 | 11.7 | 12.0 | 12.3 | 12.5 | 12.7 | 12.8 | 12.8 | 13.0 | 13.0 | 13.2 |
| ≥ 20000 | 11.1 | 14.2 | 14.8 | 15.5 | 17.1 | 17.2 | 17.7 | 18.1 | 18.4 | 18.8 | 19.1 | 19.1 | 19.3 | 19.4 | 19.6 |
| ≥ 18000 | 11.3 | 14.5 | 15.1 | 16.1 | 17.4 | 17.6 | 18.0 | 18.5 | 18.8 | 19.2 | 19.5 | 19.5 | 19.7 | 19.8 | 20.1 |
| IV 16000 | 11.5 | 14.9 | 15.4 | 16.4 | 17.7 | 17.9 | 18.4 | 18.8 | 19.2 | 19.6 | 19.9 | 19.9 | 20.1 | 20.2 | 20.5 |
| IV 14000 | 12.7 | 16.2 | 16.8 | 17.8 | 19.2 | 19.4 | 20.1 | 20.6 | 20.9 | 21.4 | 21.6 | 21.7 | 21.9 | 22.0 | 22.3 |
| IV 12000 | 14.3 | 18.1 | 18.8 | 19.9 | 21.4 | 21.6 | 22.4 | 22.9 | 23.3 | 23.8 | 24.0 | 24.1 | 24.3 | 24.5 | 24.7 |
| IV 10000 | 16.2 | 20.6 | 21.5 | 22.6 | 24.1 | 24.3 | 25.2 | 25.7 | 26.1 | 26.6 | 26.9 | 26.9 | 27.2 | 27.4 | 27.7 |
| IV 8000 | 16.9 | 21.3 | 22.2 | 23.4 | 25.0 | 25.2 | 26.2 | 26.8 | 27.2 | 27.7 | 28.0 | 28.0 | 28.4 | 28.5 | 28.8 |
| IV 6000 | 18.3 | 23.1 | 24.1 | 25.4 | 27.2 | 27.4 | 28.5 | 29.2 | 29.7 | 30.3 | 30.7 | 30.7 | 31.1 | 31.2 | 31.5 |
| IV 5000 | 20.4 | 25.5 | 26.6 | 28.1 | 30.1 | 30.5 | 31.7 | 32.5 | 33.0 | 33.7 | 34.1 | 34.1 | 34.5 | 34.6 | 34.9 |
| IV 4500 | 21.9 | 27.3 | 28.5 | 30.1 | 32.2 | 32.6 | 33.9 | 34.7 | 35.2 | 35.9 | 36.3 | 36.4 | 36.7 | 36.9 | 37.2 |
| IV 4000 | 25.3 | 31.4 | 32.9 | 34.6 | 36.9 | 37.3 | 38.7 | 39.7 | 40.2 | 41.1 | 41.5 | 41.6 | 41.9 | 42.1 | 42.4 |
| IV 3500 | 27.0 | 33.7 | 35.4 | 37.1 | 39.4 | 39.9 | 41.4 | 42.4 | 42.9 | 43.7 | 44.4 | 44.4 | 44.8 | 45.0 | 45.3 |
| IV 3000 | 29.5 | 37.4 | 39.4 | 41.4 | 44.0 | 44.3 | 46.2 | 47.4 | 48.0 | 49.1 | 49.6 | 49.6 | 50.1 | 50.3 | 50.6 |
| IV 2500 | 32.7 | 41.3 | 43.6 | 45.8 | 48.8 | 49.4 | 51.3 | 52.7 | 53.4 | 54.6 | 55.3 | 55.3 | 55.8 | 56.0 | 56.3 |
| IV 2000 | 35.7 | 45.9 | 48.9 | 51.3 | 54.5 | 55.4 | 57.5 | 59.0 | 59.7 | 61.1 | 61.8 | 61.9 | 62.4 | 62.6 | 62.9 |
| IV 1800 | 38.8 | 51.3 | 54.9 | 57.4 | 61.1 | 62.1 | 64.5 | 66.1 | 66.8 | 68.3 | 69.2 | 69.2 | 69.9 | 70.1 | 70.4 |
| IV 1500 | 41.4 | 55.9 | 60.0 | 63.2 | 67.3 | 68.3 | 71.0 | 72.9 | 73.6 | 75.3 | 76.4 | 76.4 | 77.1 | 77.2 | 77.6 |
| IV 1200 | 42.0 | 56.7 | 60.8 | 64.2 | 68.4 | 69.5 | 72.1 | 74.1 | 74.8 | 76.5 | 77.7 | 77.7 | 78.4 | 78.6 | 78.9 |
| IV 1000 | 42.9 | 58.3 | 62.8 | 66.4 | 70.9 | 72.1 | 74.8 | 76.7 | 77.4 | 79.2 | 80.4 | 80.4 | 81.2 | 81.4 | 81.8 |
| IV 900 | 43.5 | 59.4 | 63.8 | 67.5 | 72.5 | 73.8 | 76.5 | 78.5 | 79.2 | 81.2 | 82.4 | 82.5 | 83.2 | 83.4 | 83.9 |
| IV 800 | 43.8 | 59.9 | 64.6 | 68.5 | 73.7 | 75.1 | 78.0 | 80.1 | 80.9 | 83.0 | 84.5 | 84.6 | 85.4 | 85.7 | 86.1 |
| IV 700 | 44.0 | 60.3 | 65.2 | 69.1 | 74.6 | 76.0 | 79.0 | 81.3 | 82.0 | 84.3 | 85.8 | 85.9 | 86.8 | 87.1 | 87.5 |
| IV 600 | 44.1 | 60.4 | 65.4 | 69.3 | 74.8 | 76.3 | 79.3 | 81.6 | 82.3 | 84.7 | 86.3 | 86.4 | 87.4 | 87.6 | 88.1 |
| IV 500 | 44.1 | 60.5 | 65.5 | 69.5 | 75.0 | 76.5 | 79.5 | 81.8 | 82.6 | 85.0 | 86.7 | 86.8 | 87.7 | 88.0 | 88.5 |
| IV 400 | 44.1 | 60.7 | 65.7 | 69.7 | 75.4 | 76.9 | 80.1 | 82.4 | 83.3 | 85.9 | 87.8 | 87.9 | 88.9 | 89.2 | 89.8 |
| IV 300 | 44.1 | 60.7 | 65.7 | 69.9 | 75.6 | 77.2 | 80.5 | 83.0 | 83.9 | 86.7 | 88.7 | 88.8 | 89.8 | 90.2 | 90.8 |
| IV 200 | 44.1 | 60.7 | 65.7 | 69.9 | 75.6 | 77.3 | 80.6 | 83.5 | 84.5 | 87.7 | 90.1 | 90.2 | 91.6 | 92.1 | 92.2 |
| IV 100 | 44.1 | 60.7 | 65.7 | 69.9 | 75.7 | 77.3 | 80.6 | 83.5 | 84.5 | 87.7 | 90.2 | 90.2 | 91.8 | 92.3 | 93.7 |
| IV 0 | 44.1 | 60.7 | 65.7 | 69.9 | 75.7 | 77.3 | 80.6 | 83.5 | 84.5 | 87.7 | 90.2 | 90.2 | 91.8 | 92.4 | 93.8 |

TOTAL NUMBER OF OBSERVATIONS

2967

USAF ETAC FORM 131-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS EST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|-------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥0 |
| NO CEILING | 8.8 | 10.7 | 11.2 | 11.9 | 12.2 | 12.4 | 12.7 | 13.0 | 13.1 | 13.3 | 13.5 | 13.5 | 13.5 | 13.6 | 13.7 | 13.7 |
| ≥ 20000 | 12.8 | 15.3 | 16.2 | 17.2 | 18.2 | 18.5 | 19.0 | 19.6 | 9.9 | 20.1 | 20.4 | 20.4 | 20.6 | 20.6 | 20.7 | 20.8 |
| ≥ 18000 | 13.0 | 15.5 | 16.4 | 17.4 | 18.4 | 18.7 | 19.2 | 19.9 | 20.1 | 20.4 | 20.7 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 |
| ≥ 16000 | 13.5 | 16.0 | 17.0 | 18.0 | 19.0 | 19.3 | 19.9 | 20.5 | 20.8 | 21.0 | 21.4 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 |
| ≥ 14000 | 14.5 | 17.3 | 18.4 | 19.5 | 20.6 | 20.9 | 21.5 | 22.2 | 22.5 | 22.7 | 23.1 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 |
| ≥ 12000 | 15.4 | 18.5 | 19.6 | 20.8 | 21.9 | 22.2 | 22.9 | 23.7 | 24.0 | 24.2 | 24.6 | 24.6 | 24.8 | 24.8 | 24.9 | 25.0 |
| ≥ 10000 | 17.5 | 20.9 | 22.1 | 23.3 | 24.5 | 24.8 | 25.4 | 26.3 | 26.6 | 26.8 | 27.3 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 |
| ≥ 9000 | 18.3 | 22.0 | 23.4 | 24.6 | 25.8 | 26.1 | 26.8 | 27.7 | 28.0 | 28.3 | 28.7 | 28.7 | 28.9 | 28.9 | 29.1 | 29.2 |
| ≥ 8000 | 20.2 | 24.2 | 25.6 | 27.2 | 28.6 | 29.0 | 29.8 | 30.8 | 31.0 | 31.3 | 31.9 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 |
| ≥ 7000 | 21.9 | 26.4 | 27.8 | 29.6 | 31.1 | 31.5 | 32.3 | 33.7 | 34.0 | 34.4 | 35.0 | 35.0 | 35.1 | 35.2 | 35.4 | 35.5 |
| ≥ 6000 | 23.0 | 28.0 | 29.6 | 31.5 | 33.2 | 33.6 | 34.7 | 36.0 | 36.3 | 36.7 | 37.3 | 37.3 | 37.5 | 37.5 | 37.7 | 37.8 |
| ≥ 5000 | 25.7 | 31.6 | 33.3 | 35.5 | 37.3 | 37.8 | 39.0 | 40.3 | 40.6 | 41.1 | 41.7 | 41.7 | 41.9 | 41.9 | 42.1 | 42.2 |
| ≥ 4500 | 27.4 | 34.1 | 35.9 | 38.1 | 39.9 | 40.4 | 41.7 | 43.1 | 43.5 | 44.1 | 44.7 | 44.7 | 44.8 | 44.9 | 45.1 | 45.2 |
| ≥ 4000 | 30.7 | 38.2 | 40.2 | 42.8 | 44.8 | 45.3 | 46.8 | 48.5 | 48.9 | 49.7 | 50.4 | 50.4 | 50.6 | 50.6 | 50.8 | 50.9 |
| ≥ 3500 | 34.0 | 42.4 | 44.7 | 47.5 | 49.8 | 50.4 | 52.2 | 53.9 | 54.4 | 55.5 | 56.2 | 56.2 | 56.4 | 56.4 | 56.6 | 56.7 |
| ≥ 3000 | 37.7 | 47.3 | 49.9 | 52.9 | 55.3 | 55.9 | 58.0 | 59.9 | 60.4 | 61.6 | 62.3 | 62.3 | 62.5 | 62.6 | 62.8 | 62.9 |
| ≥ 2500 | 41.1 | 52.7 | 55.8 | 59.3 | 62.2 | 62.9 | 65.2 | 67.2 | 67.7 | 69.2 | 70.0 | 70.0 | 70.2 | 70.3 | 70.5 | 70.6 |
| ≥ 2000 | 44.4 | 58.3 | 61.9 | 65.9 | 68.9 | 69.7 | 72.4 | 74.5 | 75.0 | 76.5 | 77.5 | 77.5 | 77.7 | 77.8 | 78.1 | 78.2 |
| ≥ 1800 | 45.2 | 59.8 | 63.3 | 67.6 | 70.7 | 71.5 | 74.2 | 76.3 | 76.8 | 78.4 | 79.3 | 79.3 | 79.6 | 79.7 | 79.9 | 80.0 |
| ≥ 1500 | 46.7 | 62.4 | 66.2 | 70.7 | 74.1 | 75.0 | 77.8 | 79.8 | 80.4 | 82.1 | 83.1 | 83.1 | 83.4 | 83.5 | 83.7 | 83.8 |
| ≥ 1200 | 47.4 | 63.4 | 67.5 | 72.2 | 75.9 | 76.8 | 79.7 | 82.0 | 82.6 | 84.4 | 85.4 | 85.4 | 85.7 | 85.8 | 86.0 | 86.2 |
| ≥ 1000 | 48.0 | 64.6 | 68.9 | 73.7 | 77.6 | 78.4 | 81.4 | 83.9 | 84.5 | 86.6 | 87.7 | 87.7 | 87.9 | 88.1 | 88.3 | 88.5 |
| ≥ 900 | 48.2 | 65.0 | 69.3 | 74.3 | 78.2 | 79.0 | 82.1 | 84.6 | 85.2 | 87.4 | 88.4 | 88.4 | 88.7 | 88.8 | 89.1 | 89.2 |
| ≥ 800 | 48.4 | 65.3 | 69.7 | 74.9 | 78.8 | 79.7 | 82.9 | 85.5 | 86.1 | 88.5 | 89.7 | 89.7 | 90.1 | 90.2 | 90.5 | 90.6 |
| ≥ 700 | 48.5 | 65.4 | 70.0 | 75.1 | 79.2 | 80.1 | 83.4 | 86.2 | 86.8 | 89.2 | 90.4 | 90.5 | 90.8 | 90.9 | 91.2 | 91.4 |
| ≥ 600 | 48.5 | 65.6 | 70.2 | 75.4 | 79.7 | 80.6 | 83.9 | 86.8 | 87.5 | 90.0 | 91.3 | 91.3 | 91.7 | 91.8 | 92.1 | 92.3 |
| ≥ 500 | 48.6 | 65.8 | 70.5 | 75.7 | 80.2 | 81.2 | 84.5 | 87.5 | 88.3 | 90.9 | 92.2 | 92.3 | 92.8 | 93.0 | 93.3 | 93.5 |
| ≥ 400 | 48.6 | 65.8 | 70.5 | 75.8 | 80.4 | 81.4 | 85.0 | 88.2 | 89.0 | 91.8 | 93.4 | 93.5 | 94.0 | 94.2 | 94.6 | 94.8 |
| ≥ 300 | 48.6 | 65.8 | 70.5 | 75.8 | 80.4 | 81.5 | 85.0 | 88.3 | 89.2 | 92.3 | 94.3 | 94.4 | 95.2 | 95.5 | 96.0 | 96.2 |
| ≥ 200 | 48.6 | 65.8 | 70.6 | 75.9 | 80.5 | 81.5 | 85.1 | 88.4 | 89.4 | 92.5 | 94.5 | 94.8 | 95.9 | 96.2 | 96.8 | 97.4 |
| ≥ 100 | 48.6 | 65.8 | 70.6 | 75.9 | 80.5 | 81.5 | 85.1 | 88.4 | 89.4 | 92.5 | 94.6 | 94.9 | 96.1 | 96.5 | 97.1 | 98.2 |
| ≥ 0 | 48.6 | 65.8 | 70.6 | 75.9 | 80.5 | 81.5 | 85.1 | 88.4 | 89.4 | 92.5 | 94.6 | 94.9 | 96.1 | 96.5 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2967

USAF ETAC

FORM 44

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 9.3 | 11.5 | 12.3 | 13.6 | 14.1 | 14.2 | 14.8 | 15.4 | 15.7 | 16.1 | 16.4 | 16.4 | 16.4 | 16.5 | 16.6 | 17.0 |
| ≥ 20000 | 12.4 | 14.9 | 16.0 | 17.9 | 18.9 | 18.9 | 19.6 | 20.3 | 20.7 | 21.4 | 21.8 | 21.8 | 22.1 | 22.2 | 22.3 | 22.8 |
| ≥ 18000 | 12.6 | 15.1 | 16.2 | 18.1 | 19.1 | 19.1 | 19.8 | 20.5 | 20.9 | 21.6 | 22.0 | 22.0 | 22.3 | 22.4 | 22.5 | 23.0 |
| ≥ 16000 | 12.9 | 15.5 | 16.7 | 18.7 | 19.6 | 19.7 | 20.4 | 21.1 | 21.5 | 22.2 | 22.6 | 22.6 | 22.9 | 23.0 | 23.1 | 23.6 |
| ≥ 14000 | 14.3 | 17.3 | 18.5 | 20.5 | 21.6 | 21.7 | 22.4 | 23.2 | 23.6 | 24.4 | 24.9 | 24.9 | 25.3 | 25.4 | 25.5 | 25.9 |
| ≥ 12000 | 15.4 | 18.6 | 19.8 | 21.8 | 23.0 | 23.0 | 23.9 | 24.6 | 25.1 | 25.9 | 26.4 | 26.4 | 26.8 | 26.9 | 27.0 | 27.5 |
| ≥ 10000 | 17.0 | 20.5 | 21.8 | 23.8 | 25.0 | 25.1 | 26.0 | 26.8 | 27.2 | 28.1 | 28.6 | 28.6 | 29.0 | 29.1 | 29.3 | 29.8 |
| ≥ 9000 | 17.7 | 21.7 | 23.0 | 25.2 | 26.5 | 26.6 | 27.5 | 28.3 | 28.8 | 29.7 | 30.2 | 30.2 | 30.6 | 30.8 | 31.0 | 31.4 |
| ≥ 8000 | 19.3 | 24.0 | 25.6 | 27.9 | 29.5 | 29.6 | 30.7 | 31.6 | 32.1 | 33.1 | 33.7 | 33.7 | 34.1 | 34.2 | 34.4 | 34.9 |
| ≥ 7000 | 21.1 | 26.3 | 28.0 | 30.7 | 32.3 | 32.5 | 33.7 | 34.7 | 35.2 | 36.4 | 37.0 | 37.0 | 37.4 | 37.6 | 37.8 | 38.3 |
| ≥ 6000 | 22.4 | 28.0 | 29.7 | 32.4 | 34.2 | 34.3 | 35.6 | 36.8 | 37.3 | 38.5 | 39.1 | 39.2 | 39.6 | 39.7 | 39.9 | 40.4 |
| ≥ 5000 | 25.5 | 31.9 | 33.9 | 36.6 | 38.5 | 38.7 | 40.1 | 41.3 | 42.0 | 43.3 | 44.0 | 44.1 | 44.6 | 44.7 | 44.9 | 45.4 |
| ≥ 4500 | 27.0 | 34.0 | 36.2 | 39.1 | 41.0 | 41.2 | 42.7 | 44.0 | 44.8 | 46.1 | 46.9 | 46.9 | 47.5 | 47.6 | 47.8 | 48.3 |
| ≥ 4000 | 29.4 | 37.4 | 39.7 | 42.7 | 44.9 | 45.1 | 46.9 | 48.3 | 49.1 | 50.5 | 51.2 | 51.2 | 51.8 | 52.0 | 52.2 | 52.7 |
| ≥ 3500 | 32.0 | 41.0 | 43.5 | 46.8 | 49.2 | 49.4 | 51.3 | 52.8 | 53.6 | 55.1 | 55.9 | 55.9 | 56.5 | 56.7 | 57.0 | 57.5 |
| ≥ 3000 | 35.2 | 46.4 | 49.4 | 52.9 | 55.7 | 55.0 | 58.2 | 59.9 | 60.7 | 62.3 | 63.2 | 63.3 | 64.0 | 64.2 | 64.5 | 65.0 |
| ≥ 2500 | 38.8 | 51.8 | 55.6 | 59.3 | 62.4 | 62.8 | 65.4 | 67.3 | 68.2 | 70.0 | 71.1 | 71.1 | 71.9 | 72.2 | 72.5 | 73.0 |
| ≥ 2000 | 42.0 | 57.0 | 61.4 | 65.6 | 69.2 | 69.7 | 72.6 | 74.6 | 75.6 | 77.6 | 78.7 | 78.7 | 79.7 | 80.0 | 80.3 | 80.9 |
| ≥ 1800 | 42.5 | 57.8 | 62.3 | 66.7 | 70.4 | 70.9 | 73.8 | 75.9 | 76.9 | 78.9 | 80.0 | 80.0 | 81.0 | 81.3 | 81.6 | 82.2 |
| ≥ 1500 | 43.6 | 59.9 | 64.7 | 69.5 | 73.4 | 74.1 | 77.2 | 79.4 | 80.4 | 82.5 | 83.8 | 83.8 | 84.8 | 85.1 | 85.4 | 86.0 |
| ≥ 1200 | 44.0 | 60.8 | 65.9 | 71.0 | 75.1 | 75.9 | 79.2 | 81.4 | 82.4 | 84.5 | 85.8 | 85.8 | 86.8 | 87.1 | 87.4 | 88.0 |
| ≥ 1000 | 44.4 | 61.4 | 66.9 | 72.2 | 76.6 | 77.4 | 80.9 | 83.2 | 84.2 | 86.5 | 87.7 | 87.8 | 88.8 | 89.1 | 89.4 | 90.0 |
| ≥ 900 | 44.5 | 61.7 | 67.3 | 72.7 | 77.2 | 78.1 | 81.6 | 83.9 | 84.9 | 87.3 | 88.5 | 88.5 | 89.5 | 89.8 | 90.2 | 90.7 |
| ≥ 800 | 44.6 | 61.9 | 67.6 | 73.1 | 77.7 | 78.7 | 82.3 | 84.7 | 85.8 | 88.1 | 89.3 | 89.4 | 90.4 | 90.7 | 91.0 | 91.7 |
| ≥ 700 | 44.6 | 62.2 | 67.9 | 73.4 | 78.1 | 79.1 | 82.9 | 85.4 | 86.6 | 88.9 | 90.1 | 90.1 | 91.2 | 91.5 | 91.8 | 92.5 |
| ≥ 600 | 44.7 | 62.3 | 68.0 | 73.5 | 78.4 | 79.5 | 83.4 | 86.1 | 87.2 | 89.8 | 91.2 | 91.3 | 92.3 | 92.6 | 92.9 | 93.6 |
| ≥ 500 | 44.8 | 62.4 | 68.1 | 73.6 | 78.5 | 79.7 | 83.6 | 86.6 | 87.8 | 90.6 | 92.1 | 92.2 | 93.2 | 93.5 | 94.1 | 94.7 |
| ≥ 400 | 44.8 | 62.5 | 68.2 | 73.8 | 78.7 | 79.9 | 83.9 | 86.9 | 88.1 | 91.1 | 92.7 | 92.8 | 93.9 | 94.3 | 94.9 | 95.6 |
| ≥ 300 | 44.8 | 62.5 | 68.3 | 73.8 | 78.8 | 79.9 | 83.9 | 87.0 | 88.3 | 91.4 | 93.1 | 93.2 | 94.4 | 94.8 | 95.4 | 96.2 |
| ≥ 200 | 44.8 | 62.5 | 68.3 | 73.8 | 78.8 | 79.9 | 83.9 | 87.1 | 88.3 | 91.6 | 93.4 | 93.7 | 95.2 | 95.6 | 96.4 | 97.3 |
| ≥ 100 | 44.8 | 62.5 | 68.3 | 73.8 | 78.8 | 79.9 | 83.9 | 87.1 | 88.3 | 91.6 | 93.5 | 93.7 | 95.3 | 95.8 | 96.7 | 97.9 |
| ≥ 0 | 44.8 | 62.5 | 68.3 | 73.8 | 78.8 | 79.9 | 83.9 | 87.1 | 88.3 | 91.6 | 93.5 | 93.7 | 95.3 | 95.8 | 96.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2962

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (EST)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 11.6 | 14.8 | 15.5 | 16.4 | 17.7 | 17.8 | 18.6 | 19.2 | 19.5 | 20.2 | 20.7 | 20.8 | 21.4 | 21.6 | 22.0 | 23.0 |
| ≥ 20000 | 13.1 | 16.8 | 17.8 | 18.8 | 20.3 | 20.4 | 21.2 | 21.8 | 22.2 | 22.9 | 23.5 | 23.6 | 24.2 | 24.4 | 24.8 | 26.0 |
| ≥ 18000 | 13.1 | 16.8 | 17.8 | 18.8 | 20.3 | 20.4 | 21.2 | 21.8 | 22.2 | 22.9 | 23.5 | 23.6 | 24.2 | 24.4 | 24.8 | 26.0 |
| ≥ 16000 | 13.2 | 17.0 | 18.1 | 19.2 | 20.6 | 20.7 | 21.5 | 22.2 | 22.5 | 23.2 | 23.9 | 24.0 | 24.6 | 24.7 | 25.2 | 26.3 |
| ≥ 14000 | 14.2 | 18.2 | 19.3 | 20.4 | 21.8 | 22.0 | 22.8 | 23.6 | 23.9 | 24.7 | 25.4 | 25.5 | 26.2 | 26.3 | 26.8 | 28.0 |
| ≥ 12000 | 15.0 | 19.4 | 20.6 | 21.8 | 23.3 | 23.4 | 24.3 | 25.1 | 25.4 | 26.3 | 27.1 | 27.2 | 27.9 | 28.0 | 28.5 | 29.7 |
| ≥ 10000 | 15.9 | 20.6 | 21.8 | 23.2 | 24.8 | 25.0 | 25.9 | 26.8 | 27.1 | 28.0 | 28.9 | 29.0 | 29.6 | 29.8 | 30.2 | 31.4 |
| ≥ 9000 | 17.2 | 22.2 | 23.4 | 24.7 | 26.5 | 26.6 | 27.5 | 28.4 | 28.8 | 29.8 | 30.6 | 30.7 | 31.5 | 31.6 | 32.1 | 33.3 |
| ≥ 8000 | 19.1 | 25.0 | 26.3 | 27.7 | 29.7 | 29.9 | 30.9 | 31.8 | 32.2 | 33.2 | 34.1 | 34.2 | 35.0 | 35.1 | 35.6 | 36.8 |
| ≥ 7000 | 21.0 | 27.5 | 29.1 | 30.7 | 32.8 | 33.0 | 34.0 | 35.1 | 35.5 | 36.5 | 37.5 | 37.6 | 38.5 | 38.6 | 39.1 | 40.3 |
| ≥ 6000 | 22.0 | 29.1 | 30.6 | 32.6 | 34.9 | 35.1 | 36.2 | 37.3 | 37.7 | 38.7 | 39.7 | 39.8 | 40.7 | 40.9 | 41.4 | 42.6 |
| ≥ 5000 | 25.4 | 33.6 | 35.4 | 37.0 | 40.1 | 40.3 | 41.5 | 42.7 | 43.1 | 44.2 | 45.2 | 45.3 | 46.3 | 46.5 | 46.9 | 48.2 |
| ≥ 4500 | 26.7 | 35.7 | 37.7 | 39.9 | 42.5 | 42.7 | 44.0 | 45.2 | 45.7 | 46.8 | 47.9 | 48.0 | 48.9 | 49.1 | 49.6 | 50.8 |
| ≥ 4000 | 28.9 | 39.4 | 41.6 | 44.0 | 46.7 | 46.9 | 48.4 | 49.6 | 50.1 | 51.4 | 52.4 | 52.5 | 53.5 | 53.7 | 54.2 | 55.5 |
| ≥ 3500 | 31.9 | 44.2 | 46.8 | 49.6 | 52.5 | 52.7 | 54.2 | 55.5 | 56.0 | 57.4 | 58.4 | 58.5 | 59.5 | 59.7 | 60.2 | 61.5 |
| ≥ 3000 | 34.9 | 49.2 | 52.3 | 55.4 | 58.6 | 58.8 | 60.5 | 61.9 | 62.6 | 64.1 | 65.2 | 65.3 | 66.5 | 66.7 | 67.2 | 68.6 |
| ≥ 2500 | 38.1 | 54.9 | 58.6 | 62.1 | 65.6 | 65.9 | 67.6 | 69.3 | 70.0 | 71.7 | 73.0 | 73.1 | 74.3 | 74.5 | 75.0 | 76.4 |
| ≥ 2000 | 40.5 | 59.1 | 63.3 | 67.0 | 70.8 | 71.4 | 73.3 | 75.2 | 75.9 | 77.8 | 79.1 | 79.2 | 80.5 | 80.7 | 81.2 | 82.5 |
| ≥ 1800 | 40.9 | 59.7 | 64.0 | 67.8 | 71.7 | 72.2 | 74.2 | 76.1 | 76.8 | 78.7 | 80.0 | 80.1 | 81.5 | 81.7 | 82.2 | 83.6 |
| ≥ 1500 | 41.9 | 61.2 | 65.7 | 69.6 | 73.8 | 74.4 | 76.6 | 78.7 | 79.5 | 81.4 | 82.8 | 82.9 | 84.3 | 84.5 | 85.0 | 86.4 |
| ≥ 1200 | 42.3 | 62.3 | 66.8 | 70.9 | 75.3 | 75.9 | 78.2 | 80.3 | 81.1 | 83.1 | 84.5 | 84.6 | 86.0 | 86.2 | 86.8 | 88.1 |
| ≥ 1000 | 42.7 | 63.0 | 67.7 | 72.0 | 76.5 | 77.2 | 79.5 | 81.6 | 82.5 | 84.6 | 85.9 | 86.0 | 87.5 | 87.8 | 88.3 | 89.7 |
| ≥ 900 | 42.8 | 63.2 | 67.9 | 72.3 | 76.9 | 77.6 | 79.9 | 82.0 | 82.9 | 85.0 | 86.4 | 86.5 | 88.0 | 88.2 | 88.7 | 90.1 |
| ≥ 800 | 42.8 | 63.4 | 68.2 | 72.8 | 77.5 | 78.2 | 80.7 | 82.9 | 83.8 | 86.0 | 87.4 | 87.5 | 89.0 | 89.2 | 89.8 | 91.1 |
| ≥ 700 | 42.8 | 63.7 | 68.5 | 73.0 | 77.9 | 78.6 | 81.1 | 83.5 | 84.5 | 86.7 | 88.1 | 88.2 | 89.7 | 89.9 | 90.4 | 91.8 |
| ≥ 600 | 42.8 | 63.8 | 68.6 | 73.2 | 78.2 | 78.9 | 81.6 | 84.1 | 85.1 | 87.2 | 88.7 | 88.8 | 90.3 | 90.5 | 91.0 | 92.4 |
| ≥ 500 | 42.9 | 63.9 | 68.7 | 73.3 | 78.5 | 79.2 | 81.9 | 84.5 | 85.6 | 87.8 | 89.3 | 89.5 | 90.9 | 91.2 | 91.8 | 93.2 |
| ≥ 400 | 42.9 | 63.9 | 68.8 | 73.4 | 78.5 | 79.3 | 82.1 | 84.8 | 86.0 | 88.3 | 89.9 | 90.1 | 91.6 | 91.8 | 92.5 | 93.9 |
| ≥ 300 | 42.9 | 63.9 | 68.8 | 73.4 | 78.6 | 79.4 | 82.2 | 85.1 | 86.3 | 88.8 | 90.5 | 90.7 | 92.2 | 92.5 | 93.1 | 94.5 |
| ≥ 200 | 42.9 | 63.9 | 68.8 | 73.4 | 78.6 | 79.4 | 82.3 | 85.3 | 86.5 | 89.1 | 91.0 | 91.2 | 92.8 | 93.1 | 94.0 | 95.5 |
| ≥ 100 | 42.9 | 63.9 | 68.8 | 73.4 | 78.6 | 79.4 | 82.3 | 85.3 | 86.5 | 89.1 | 91.0 | 91.3 | 93.0 | 93.3 | 94.4 | 96.6 |
| ≥ 0 | 42.9 | 63.9 | 68.8 | 73.4 | 78.6 | 79.4 | 82.3 | 85.3 | 86.5 | 89.1 | 91.0 | 91.3 | 93.0 | 93.3 | 94.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2967

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24207

MCCHORD AFB WASHINGTON/TACOMA

40-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 10.1 | 16.7 | 15.5 | 16.0 | 17.5 | 17.8 | 18.7 | 19.1 | 19.4 | 20.2 | 20.8 | 20.9 | 21.6 | 21.7 | 22.0 | 23.4 |
| ≥ 20000 | 11.4 | 16.7 | 17.5 | 18.1 | 19.7 | 20.0 | 21.0 | 21.3 | 21.7 | 22.5 | 23.2 | 23.3 | 24.0 | 24.2 | 24.6 | 25.9 |
| ≥ 18000 | 11.4 | 16.7 | 17.6 | 18.2 | 19.7 | 20.1 | 21.0 | 21.4 | 21.8 | 22.6 | 23.2 | 23.4 | 24.1 | 24.2 | 24.6 | 26.0 |
| ≥ 16000 | 11.8 | 17.2 | 18.1 | 18.6 | 20.2 | 20.6 | 21.5 | 21.9 | 22.3 | 23.1 | 23.8 | 23.9 | 24.6 | 24.8 | 25.2 | 26.5 |
| ≥ 14000 | 12.3 | 18.1 | 19.0 | 19.7 | 21.3 | 21.6 | 22.7 | 23.1 | 23.5 | 24.4 | 25.0 | 25.2 | 25.9 | 26.0 | 26.4 | 27.8 |
| ≥ 12000 | 13.4 | 19.8 | 20.8 | 21.5 | 23.3 | 23.7 | 24.7 | 25.2 | 25.6 | 26.5 | 27.3 | 27.5 | 28.2 | 28.3 | 28.7 | 30.1 |
| ≥ 10000 | 14.6 | 21.4 | 22.5 | 23.3 | 25.2 | 25.6 | 26.8 | 27.3 | 27.7 | 28.6 | 29.4 | 29.6 | 30.3 | 30.5 | 30.9 | 32.2 |
| ≥ 9000 | 15.2 | 22.3 | 23.5 | 24.3 | 26.3 | 26.7 | 27.9 | 28.4 | 28.8 | 29.8 | 30.7 | 30.9 | 31.6 | 31.7 | 32.1 | 33.5 |
| ≥ 8000 | 17.0 | 24.9 | 26.1 | 27.1 | 29.1 | 29.5 | 30.7 | 31.2 | 31.6 | 32.7 | 33.6 | 33.8 | 34.5 | 34.6 | 35.0 | 36.4 |
| ≥ 7000 | 18.9 | 27.0 | 28.4 | 29.4 | 31.6 | 32.0 | 33.2 | 33.8 | 34.2 | 35.3 | 36.3 | 36.4 | 37.2 | 37.3 | 37.7 | 39.1 |
| ≥ 6000 | 19.6 | 28.6 | 30.1 | 31.3 | 33.6 | 34.0 | 35.2 | 35.8 | 36.3 | 37.4 | 38.3 | 38.5 | 39.3 | 39.4 | 39.9 | 41.2 |
| ≥ 5000 | 23.3 | 33.7 | 35.3 | 36.8 | 39.4 | 39.8 | 41.0 | 41.6 | 42.2 | 43.5 | 44.5 | 44.7 | 45.6 | 45.8 | 46.2 | 47.6 |
| ≥ 4500 | 24.9 | 36.0 | 37.7 | 39.2 | 41.8 | 42.2 | 43.5 | 44.1 | 44.8 | 46.0 | 47.1 | 47.2 | 48.2 | 48.3 | 48.8 | 50.2 |
| ≥ 4000 | 27.4 | 40.1 | 42.1 | 43.7 | 46.4 | 47.0 | 48.3 | 49.0 | 49.7 | 50.9 | 52.0 | 52.2 | 53.2 | 53.3 | 53.8 | 55.2 |
| ≥ 3500 | 30.2 | 44.7 | 46.9 | 48.5 | 51.5 | 52.1 | 53.5 | 54.2 | 54.9 | 56.2 | 57.3 | 57.5 | 58.5 | 58.7 | 59.1 | 60.5 |
| ≥ 3000 | 33.5 | 50.0 | 52.7 | 54.5 | 57.6 | 58.3 | 59.8 | 60.7 | 61.3 | 62.9 | 64.0 | 64.3 | 65.4 | 65.6 | 66.2 | 67.6 |
| ≥ 2500 | 36.4 | 55.9 | 59.3 | 61.3 | 64.7 | 65.5 | 67.3 | 68.3 | 69.1 | 70.7 | 71.9 | 72.1 | 73.3 | 73.6 | 74.2 | 75.7 |
| ≥ 2000 | 38.9 | 60.3 | 64.2 | 66.6 | 70.3 | 71.2 | 73.2 | 74.4 | 75.2 | 77.0 | 78.3 | 78.5 | 79.6 | 79.9 | 80.6 | 82.0 |
| ≥ 1800 | 39.4 | 61.1 | 65.0 | 67.5 | 71.4 | 72.3 | 74.4 | 75.5 | 76.3 | 78.1 | 79.4 | 79.6 | 80.8 | 81.1 | 81.8 | 83.2 |
| ≥ 1500 | 40.3 | 62.5 | 66.6 | 69.2 | 73.2 | 74.1 | 76.3 | 77.6 | 78.4 | 80.5 | 81.8 | 82.0 | 83.2 | 83.5 | 84.3 | 85.7 |
| ≥ 1200 | 40.7 | 63.4 | 67.7 | 70.5 | 74.6 | 75.5 | 77.8 | 79.2 | 80.0 | 82.1 | 83.6 | 83.8 | 85.0 | 85.3 | 86.0 | 87.5 |
| ≥ 1000 | 41.0 | 64.1 | 68.5 | 71.4 | 75.5 | 76.5 | 78.8 | 80.3 | 81.1 | 83.4 | 84.9 | 85.1 | 86.3 | 86.6 | 87.3 | 88.7 |
| ≥ 900 | 41.0 | 64.2 | 68.6 | 71.5 | 75.7 | 76.7 | 79.1 | 80.6 | 81.4 | 83.7 | 85.2 | 85.4 | 86.6 | 86.9 | 87.6 | 89.1 |
| ≥ 800 | 41.1 | 64.3 | 68.8 | 71.8 | 76.0 | 77.1 | 79.4 | 81.1 | 82.0 | 84.3 | 85.8 | 86.0 | 87.2 | 87.3 | 88.2 | 89.7 |
| ≥ 700 | 41.2 | 64.5 | 69.0 | 72.0 | 76.3 | 77.3 | 79.7 | 81.4 | 82.3 | 84.7 | 86.2 | 86.4 | 87.6 | 87.9 | 88.7 | 90.1 |
| ≥ 600 | 41.2 | 64.7 | 69.3 | 72.4 | 76.7 | 77.7 | 80.2 | 81.9 | 82.9 | 85.3 | 86.9 | 87.1 | 88.3 | 88.6 | 89.4 | 90.8 |
| ≥ 500 | 41.2 | 64.9 | 69.6 | 72.7 | 77.0 | 78.1 | 80.6 | 82.4 | 83.4 | 86.1 | 87.7 | 87.7 | 89.2 | 89.5 | 90.2 | 91.6 |
| ≥ 400 | 41.2 | 64.9 | 69.7 | 72.8 | 77.2 | 78.3 | 81.0 | 83.0 | 84.0 | 86.7 | 88.4 | 88.6 | 89.9 | 90.2 | 91.0 | 92.5 |
| ≥ 300 | 41.2 | 64.9 | 69.7 | 72.9 | 77.4 | 78.5 | 81.4 | 83.5 | 84.6 | 87.5 | 89.2 | 89.5 | 90.8 | 91.3 | 92.2 | 93.7 |
| ≥ 200 | 41.2 | 64.9 | 69.7 | 72.9 | 77.4 | 78.5 | 81.4 | 83.7 | 84.9 | 87.8 | 89.7 | 90.0 | 91.5 | 92.1 | 92.3 | 95.0 |
| ≥ 100 | 41.2 | 64.9 | 69.7 | 72.9 | 77.4 | 78.5 | 81.4 | 83.7 | 84.9 | 87.9 | 89.8 | 90.1 | 91.7 | 92.4 | 93.8 | 96.1 |
| ≥ 0 | 41.3 | 64.9 | 69.8 | 72.9 | 77.4 | 78.6 | 81.4 | 83.8 | 84.9 | 87.9 | 89.8 | 90.1 | 91.8 | 92.5 | 94.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2968

USAF ETAC

FORM 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

0
1
2
3
4
5
6
7
8 (2 12 14 20)
9
1
3
4
5
6
8
9
0

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME46-70
PERIODALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 7.4 | 1.9 | 2.5 | 2.4 | 2.3 | 1.7 | 2.1 | 3.2 | 5.2 | 4.8 | 66.5 | 8.2 | 18591 |
| FEB | | 9.2 | 2.5 | 3.1 | 2.9 | 2.7 | 2.2 | 3.0 | 4.2 | 6.4 | 5.4 | 58.5 | 7.7 | 16911 |
| MAR | | 10.0 | 2.9 | 3.4 | 3.6 | 3.0 | 2.4 | 3.3 | 4.4 | 7.4 | 6.6 | 53.1 | 7.5 | 18590 |
| APR | | 10.6 | 3.1 | 3.4 | 3.8 | 3.4 | 2.9 | 3.6 | 5.7 | 8.3 | 7.0 | 48.3 | 7.2 | 17993 |
| MAY | | 11.6 | 3.9 | 4.8 | 4.7 | 4.0 | 3.3 | 3.8 | 6.0 | 9.3 | 7.4 | 41.3 | 6.8 | 18587 |
| JUN | | 13.4 | 4.3 | 4.3 | 3.9 | 3.5 | 3.3 | 3.4 | 5.4 | 7.9 | 8.5 | 42.2 | 6.8 | 17990 |
| JUL | | 31.3 | 5.2 | 5.1 | 4.7 | 3.5 | 2.7 | 3.4 | 4.2 | 6.5 | 5.9 | 27.5 | 4.9 | 18574 |
| AUG | | 24.9 | 6.2 | 5.2 | 4.3 | 3.8 | 2.8 | 3.3 | 4.2 | 6.2 | 5.8 | 33.5 | 5.4 | 18587 |
| SEP | | 23.6 | 5.2 | 5.1 | 4.0 | 3.4 | 2.9 | 3.5 | 4.3 | 6.0 | 5.4 | 36.8 | 5.7 | 17992 |
| OCT | | 10.5 | 3.1 | 3.9 | 3.9 | 3.9 | 2.9 | 3.2 | 5.1 | 6.7 | 6.5 | 50.4 | 7.2 | 18571 |
| NOV | | 7.0 | 2.2 | 3.1 | 2.8 | 2.8 | 2.2 | 2.9 | 4.4 | 5.9 | 5.7 | 61.1 | 8.0 | 17980 |
| DEC | | 4.5 | 1.7 | 2.2 | 2.4 | 2.4 | 1.9 | 2.7 | 3.9 | 5.4 | 5.6 | 67.3 | 8.4 | 18582 |
| TOTALS | | 13.7 | 3.5 | 3.8 | 3.6 | 3.2 | 2.6 | 3.2 | 4.6 | 6.8 | 6.2 | 48.9 | 7.0 | 200000 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JAN
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 11.4 | 2.7 | 2.8 | 3.0 | 2.4 | 2.2 | 2.0 | 3.0 | 4.4 | 3.0 | 63.1 | 7.6 | 2324 |
| | 03-05 | 10.1 | 2.2 | 2.6 | 2.5 | 3.3 | 1.9 | 3.0 | 2.8 | 3.7 | 3.5 | 64.3 | 7.8 | 2325 |
| | 06-08 | 6.5 | 1.6 | 2.2 | 2.9 | 2.6 | 2.1 | 2.2 | 3.4 | 5.3 | 4.2 | 67.0 | 8.2 | 2322 |
| | 09-11 | 4.6 | 1.3 | 1.8 | 1.7 | 1.4 | 1.4 | 1.7 | 3.4 | 5.9 | 7.1 | 69.7 | 8.6 | 2323 |
| | 12-14 | 4.5 | 1.2 | 1.8 | 1.5 | 1.4 | 1.5 | 1.6 | 3.7 | 6.2 | 7.1 | 69.4 | 8.7 | 2324 |
| | 15-17 | 3.7 | 1.8 | 2.3 | 2.5 | 2.0 | 1.4 | 1.8 | 3.4 | 6.3 | 6.1 | 68.9 | 8.6 | 2325 |
| | 18-20 | 8.2 | 2.3 | 3.1 | 2.4 | 2.1 | 1.5 | 2.2 | 3.2 | 5.7 | 4.3 | 65.2 | 8.0 | 2323 |
| | 21-23 | 10.2 | 2.2 | 3.4 | 2.8 | 3.2 | 1.5 | 2.6 | 2.8 | 4.4 | 3.1 | 64.0 | 7.7 | 2325 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 7.4 | 1.9 | 2.5 | 2.4 | 2.1 | 1.7 | 2.1 | 3.2 | 5.2 | 4.8 | 66.5 | 8.2 | 18591 |

SKY COVER

24207

MCCHURD AFB WASHINGTON/TACOMA

46-70

FEB

STATION

STATION NAME

PERIOD

MONIH

| MONTH | HOURS (L.S.T.) | PERCENT AGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 13.7 | 3.2 | 3.6 | 2.6 | 2.6 | 1.6 | 2.9 | 3.1 | 5.4 | 4.2 | 56.9 | 7.3 | 2110 |
| | 03-05 | 13.0 | 2.7 | 2.9 | 3.1 | 3.4 | 2.5 | 3.2 | 3.9 | 4.2 | 3.0 | 58.3 | 7.3 | 2115 |
| | 06-08 | 6.4 | 2.9 | 2.7 | 3.1 | 2.2 | 2.1 | 2.1 | 4.3 | 6.4 | 5.9 | 62.0 | 8.0 | 2113 |
| | 09-11 | 5.5 | 1.8 | 2.7 | 2.4 | 2.3 | 1.2 | 2.1 | 3.6 | 7.0 | 7.2 | 64.3 | 8.3 | 2115 |
| | 12-14 | 5.3 | 1.3 | 1.9 | 2.3 | 2.7 | 1.7 | 2.7 | 4.8 | 7.9 | 7.6 | 61.3 | 8.3 | 2113 |
| | 15-17 | 6.6 | 1.6 | 2.1 | 2.6 | 2.3 | 2.8 | 2.8 | 5.6 | 7.8 | 7.7 | 58.2 | 8.1 | 2115 |
| | 18-20 | 9.3 | 2.4 | 4.4 | 3.6 | 2.7 | 3.1 | 4.2 | 4.6 | 7.2 | 4.4 | 54.0 | 7.4 | 2115 |
| | 21-23 | 14.1 | 3.4 | 4.2 | 3.5 | 3.7 | 2.4 | 3.6 | 3.5 | 5.2 | 3.2 | 53.3 | 7.0 | 2115 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 9.2 | 2.5 | 3.1 | 2.9 | 2.7 | 2.2 | 3.0 | 4.2 | 6.4 | 5.4 | 58.5 | 7.7 | 16911 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|-------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 18.1 | 3.8 | 3.4 | 4.6 | 3.3 | 2.0 | 2.8 | 3.9 | 4.8 | 3.7 | 49.5 | 6.6 | 2323 |
| | 03-05 | 15.2 | 3.5 | 3.8 | 4.1 | 2.4 | 2.2 | 3.6 | 3.7 | 4.7 | 4.3 | 52.3 | 6.9 | 2323 |
| | 06-08 | 5.5 | 3.2 | 2.9 | 3.1 | 2.6 | 2.5 | 2.8 | 4.3 | 8.7 | 7.3 | 57.2 | 8.0 | 2323 |
| | 09-11 | 4.6 | 2.7 | 2.5 | 2.6 | 2.2 | 2.4 | 2.8 | 4.2 | 8.3 | 9.2 | 58.5 | 8.2 | 2323 |
| | 12-14 | 6.2 | 1.1 | 2.6 | 2.4 | 2.1 | 2.4 | 3.5 | 5.4 | 10.3 | 8.9 | 55.0 | 8.1 | 2325 |
| | 15-17 | 7.1 | 1.8 | 2.4 | 2.4 | 3.4 | 2.2 | 3.6 | 4.9 | 9.4 | 10.1 | 52.8 | 7.9 | 2325 |
| | 18-20 | 9.0 | 3.2 | 4.7 | 4.3 | 3.6 | 3.6 | 3.4 | 4.6 | 7.4 | 5.5 | 50.7 | 7.3 | 2324 |
| | 21-23 | 14.4 | 3.7 | 4.7 | 4.9 | 4.0 | 2.2 | 4.0 | 4.0 | 3.6 | 3.7 | 48.8 | 6.7 | 2324 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.0 | 2.9 | 3.4 | 3.6 | 3.0 | 2.4 | 3.3 | 4.4 | 7.4 | 6.6 | 53.1 | 7.5 | 18590 |

SKY COVER

APR
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 21.3 | 3.9 | 4.4 | 4.1 | 3.4 | 1.9 | 3.8 | 4.3 | 6.5 | 3.3 | 43.1 | 6.1 | 2248 |
| | 03-05 | 14.4 | 3.6 | 4.0 | 3.9 | 3.8 | 2.9 | 3.5 | 4.8 | 6.4 | 3.4 | 49.4 | 6.8 | 2250 |
| | 06-08 | 6.0 | 3.4 | 2.8 | 3.1 | 3.2 | 2.5 | 2.3 | 6.1 | 7.0 | 9.1 | 54.5 | 7.8 | 2250 |
| | 09-11 | 6.1 | 1.6 | 2.2 | 2.2 | 2.4 | 2.3 | 3.7 | 6.1 | 9.6 | 9.6 | 54.4 | 8.0 | 2250 |
| | 12-14 | 5.8 | 2.2 | 1.5 | 3.0 | 3.6 | 2.8 | 3.9 | 6.7 | 10.1 | 11.1 | 49.1 | 7.9 | 2248 |
| | 15-17 | 5.8 | 2.5 | 2.0 | 3.2 | 3.2 | 2.8 | 3.6 | 6.6 | 11.4 | 9.6 | 48.3 | 7.8 | 2250 |
| | 18-20 | 7.6 | 3.3 | 4.5 | 4.7 | 4.2 | 3.8 | 4.2 | 5.5 | 9.1 | 6.2 | 46.9 | 7.2 | 2250 |
| | 21-23 | 17.5 | 4.1 | 5.8 | 6.4 | 3.7 | 3.0 | 3.9 | 5.2 | 5.9 | 3.6 | 40.9 | 6.1 | 2247 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.6 | 3.1 | 3.4 | 3.8 | 3.4 | 2.9 | 3.6 | 5.7 | 8.3 | 7.0 | 48.3 | 7.2 | 17993 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA

46-70

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 22.9 | 5.5 | 5.8 | 5.2 | 3.4 | 2.6 | 4.2 | 4.1 | 5.8 | 4.2 | 36.4 | 5.6 | 2320 |
| | 03-05 | 11.6 | 4.5 | 5.7 | 6.5 | 4.7 | 3.0 | 3.2 | 4.6 | 6.5 | 5.0 | 44.6 | 6.6 | 2323 |
| | 06-08 | 7.8 | 2.6 | 4.6 | 4.6 | 3.2 | 1.9 | 2.5 | 5.2 | 8.1 | 7.7 | 51.6 | 7.5 | 2323 |
| | 09-11 | 7.5 | 2.7 | 2.8 | 2.9 | 3.1 | 2.8 | 3.8 | 5.0 | 10.7 | 10.1 | 48.6 | 7.6 | 2323 |
| | 12-14 | 7.1 | 2.9 | 2.9 | 3.6 | 3.9 | 3.7 | 4.3 | 7.7 | 12.9 | 11.1 | 40.0 | 7.4 | 2324 |
| | 15-17 | 8.5 | 3.8 | 4.0 | 3.7 | 4.0 | 4.6 | 3.8 | 7.2 | 13.5 | 8.4 | 38.5 | 7.0 | 2325 |
| | 18-20 | 9.3 | 4.1 | 5.6 | 5.2 | 4.5 | 4.5 | 4.5 | 7.7 | 9.8 | 8.4 | 36.4 | 6.7 | 2324 |
| | 21-23 | 18.4 | 5.1 | 6.6 | 5.7 | 5.2 | 3.1 | 3.9 | 6.2 | 7.3 | 4.1 | 34.4 | 5.8 | 2325 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.6 | 2.9 | 4.8 | 4.7 | 4.0 | 3.3 | 3.8 | 6.0 | 9.3 | 7.4 | 41.3 | 6.8 | 18587 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

46-70

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 24.1 | 4.6 | 5.4 | 4.1 | 3.8 | 3.0 | 2.8 | 4.8 | 5.2 | 5.1 | 36.9 | 5.7 | 2250 |
| | 03-05 | 10.1 | 5.2 | 4.8 | 3.8 | 3.6 | 3.5 | 3.4 | 4.1 | 6.4 | 7.4 | 47.8 | 7.0 | 2248 |
| | 06-08 | 9.0 | 3.1 | 2.7 | 3.2 | 2.8 | 2.6 | 2.4 | 4.5 | 7.1 | 8.7 | 52.8 | 7.6 | 2249 |
| | 09-11 | 9.6 | 3.0 | 2.6 | 2.8 | 2.5 | 2.6 | 2.8 | 4.5 | 9.2 | 10.1 | 50.1 | 7.5 | 2250 |
| | 12-14 | 10.3 | 3.7 | 3.9 | 3.0 | 2.9 | 2.6 | 3.4 | 6.4 | 11.0 | 10.6 | 42.1 | 7.2 | 2249 |
| | 15-17 | 12.1 | 4.1 | 3.2 | 3.2 | 3.7 | 3.2 | 4.2 | 6.8 | 10.7 | 10.6 | 37.9 | 6.8 | 2249 |
| | 18-20 | 13.6 | 4.0 | 4.6 | 5.2 | 3.9 | 4.4 | 3.8 | 6.9 | 8.0 | 9.7 | 35.9 | 6.5 | 2249 |
| | 21-23 | 18.1 | 6.8 | 6.8 | 5.2 | 5.0 | 4.1 | 4.0 | 5.2 | 5.9 | 5.7 | 33.1 | 5.7 | 2246 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.4 | 4.3 | 4.3 | 3.9 | 3.3 | 3.3 | 3.4 | 5.4 | 7.9 | 8.5 | 42.2 | 6.8 | 17990 |

USAFETAC

FORM
JUL 64

0.9.5 (CL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 44.9 | 4.2 | 4.3 | 4.1 | 2.7 | 2.1 | 2.7 | 3.1 | 4.0 | 3.9 | 24.1 | 3.9 | 2322 |
| | 03-05 | 24.4 | 5.3 | 5.4 | 4.8 | 3.3 | 2.6 | 3.1 | 3.6 | 5.4 | 4.8 | 37.2 | 5.6 | 2320 |
| | 06-08 | 18.3 | 5.2 | 4.8 | 3.7 | 2.3 | 2.0 | 1.9 | 3.3 | 6.4 | 5.9 | 46.3 | 6.5 | 2322 |
| | 09-11 | 23.1 | 4.7 | 4.1 | 3.2 | 3.1 | 2.8 | 3.0 | 5.3 | 7.1 | 8.1 | 35.6 | 5.9 | 2321 |
| | 12-14 | 28.9 | 4.3 | 4.3 | 4.5 | 3.8 | 3.7 | 4.4 | 6.4 | 9.9 | 7.2 | 22.7 | 5.0 | 2325 |
| | 15-17 | 31.8 | 5.4 | 5.7 | 5.7 | 4.5 | 3.4 | 4.5 | 5.0 | 7.8 | 7.4 | 18.7 | 4.5 | 2321 |
| | 18-20 | 36.1 | 5.8 | 6.4 | 6.2 | 4.4 | 3.1 | 3.9 | 3.7 | 7.1 | 6.2 | 17.0 | 4.0 | 2322 |
| | 21-23 | 42.9 | 6.5 | 5.5 | 5.3 | 3.8 | 2.1 | 3.6 | 3.4 | 4.3 | 4.0 | 18.7 | 3.6 | 2321 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 31.3 | 5.2 | 5.1 | 4.7 | 3.5 | 2.7 | 3.4 | 4.2 | 6.5 | 5.9 | 27.5 | 4.9 | 18574 |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG

MONTH

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 39.2 | 5.1 | 4.1 | 3.6 | 2.9 | 1.8 | 2.5 | 2.7 | 4.4 | 2.5 | 31.1 | 4.5 | 2321 |
| | 03-05 | 24.9 | 4.9 | 4.5 | 3.7 | 3.2 | 2.1 | 2.7 | 3.2 | 4.3 | 3.3 | 43.2 | 5.8 | 2325 |
| | 06-08 | 14.2 | 3.7 | 3.7 | 3.6 | 3.1 | 2.0 | 3.0 | 3.2 | 6.2 | 6.5 | 51.0 | 7.0 | 2324 |
| | 09-11 | 17.6 | 5.0 | 4.4 | 3.5 | 3.8 | 2.8 | 2.9 | 3.7 | 6.5 | 8.2 | 41.7 | 6.4 | 2324 |
| | 12-14 | 21.1 | 6.3 | 4.3 | 4.3 | 4.3 | 3.5 | 3.7 | 6.4 | 8.1 | 8.3 | 29.6 | 5.6 | 2322 |
| | 15-17 | 22.2 | 7.5 | 6.9 | 4.6 | 4.6 | 3.9 | 4.1 | 5.9 | 7.8 | 8.3 | 24.1 | 5.2 | 2325 |
| | 18-20 | 23.3 | 9.3 | 7.8 | 6.6 | 5.0 | 3.6 | 4.0 | 4.6 | 6.5 | 6.6 | 22.7 | 4.8 | 2323 |
| | 21-23 | 36.9 | 7.4 | 5.5 | 4.2 | 3.8 | 2.5 | 3.4 | 3.7 | 5.5 | 2.9 | 24.2 | 4.2 | 2323 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.9 | 6.2 | 5.2 | 4.3 | 3.8 | 2.8 | 3.3 | 4.2 | 6.2 | 5.8 | 33.5 | 5.4 | 18587 |

SKY COVER

46-70

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | 34.6 | 5.0 | 4.2 | 3.9 | 3.1 | 2.5 | 2.4 | 3.3 | 3.6 | 4.0 | 33.4 | 4.9 | 2249 |
| | 03-05 | 24.1 | 4.8 | 4.6 | 3.8 | 2.8 | 2.1 | 3.0 | 3.6 | 4.4 | 3.0 | 43.8 | 5.9 | 2248 |
| | 06-08 | 12.4 | 4.0 | 4.2 | 3.6 | 2.5 | 2.7 | 2.7 | 3.8 | 7.2 | 6.6 | 50.3 | 7.1 | 2249 |
| | 09-11 | 16.4 | 4.7 | 3.5 | 2.2 | 3.5 | 2.7 | 3.0 | 4.9 | 7.4 | 7.4 | 43.3 | 6.6 | 2248 |
| | 12-14 | 21.2 | 4.0 | 5.2 | 3.1 | 3.9 | 3.4 | 5.2 | 5.4 | 7.7 | 7.2 | 33.7 | 5.9 | 2249 |
| | 15-17 | 22.5 | 5.9 | 5.9 | 4.8 | 3.6 | 3.5 | 2.9 | 4.9 | 6.4 | 7.1 | 31.3 | 5.5 | 2250 |
| | 18-20 | 23.1 | 8.0 | 6.7 | 2.0 | 4.6 | 3.2 | 4.4 | 4.9 | 6.4 | 4.8 | 28.9 | 5.2 | 2250 |
| | 21-23 | 34.6 | 5.3 | 6.2 | 4.7 | 2.9 | 3.1 | 3.2 | 3.2 | 4.5 | 2.8 | 29.5 | 4.6 | 2249 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.6 | 5.2 | 5.1 | 4.0 | 3.4 | 2.9 | 3.5 | 4.3 | 6.0 | 5.4 | 36.8 | 5.7 | 17992 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24207

MCCHORD AFB WASHINGTON/TACOMA

46-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 15.6 | 3.5 | 4.5 | 5.0 | 4.0 | 2.7 | 3.4 | 4.4 | 5.5 | 4.3 | 47.1 | 6.6 | 2319 |
| | 03-05 | 11.0 | 2.7 | 3.7 | 4.5 | 4.1 | 2.5 | 3.4 | 4.7 | 5.7 | 4.6 | 53.1 | 7.2 | 2320 |
| | 06-08 | 3.1 | 1.7 | 2.7 | 2.6 | 2.8 | 2.8 | 2.8 | 5.1 | 7.8 | 8.9 | 59.7 | 8.3 | 2322 |
| | 09-11 | 4.6 | 2.5 | 2.2 | 3.0 | 3.1 | 2.3 | 3.2 | 4.2 | 8.5 | 9.6 | 57.0 | 8.1 | 2322 |
| | 12-14 | 7.3 | 2.4 | 3.0 | 4.0 | 4.0 | 3.0 | 3.1 | 6.5 | 7.8 | 7.8 | 51.1 | 7.6 | 2322 |
| | 15-17 | 8.8 | 3.4 | 4.0 | 4.3 | 4.0 | 3.9 | 3.4 | 5.4 | 7.8 | 7.8 | 47.3 | 7.2 | 2322 |
| | 18-20 | 13.4 | 4.5 | 5.9 | 4.9 | 4.8 | 3.2 | 3.5 | 5.6 | 5.9 | 5.0 | 43.3 | 6.5 | 2322 |
| | 21-23 | 20.0 | 4.3 | 5.3 | 3.2 | 4.3 | 2.6 | 3.0 | 4.6 | 4.7 | 3.7 | 44.4 | 6.2 | 2322 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.5 | 3.1 | 3.9 | 3.9 | 3.9 | 2.9 | 3.2 | 5.1 | 6.7 | 6.5 | 50.4 | 7.2 | 18571 |

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA

46-70

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS | |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-02 | 10.5 | 2.1 | 4.0 | 3.5 | 2.4 | 1.9 | 3.6 | 3.1 | 5.1 | 3.2 | 60.5 | 7.6 | 2248 |
| | 03-05 | 9.6 | 2.6 | 4.0 | 2.8 | 2.4 | 2.3 | 3.1 | 4.8 | 4.8 | 4.1 | 59.4 | 7.6 | 2250 |
| | 06-08 | 4.0 | 2.0 | 2.8 | 2.4 | 3.3 | 2.4 | 2.4 | 5.0 | 0.2 | 6.4 | 63.1 | 8.3 | 2248 |
| | 09-11 | 3.1 | 1.4 | 2.6 | 2.0 | 2.7 | 2.1 | 2.5 | 4.2 | 7.0 | 7.3 | 65.1 | 8.5 | 2247 |
| | 12-14 | 3.4 | 1.5 | 2.3 | 2.3 | 2.7 | 1.9 | 3.5 | 5.0 | 6.6 | 8.7 | 62.2 | 8.4 | 2249 |
| | 15-17 | 4.9 | 2.3 | 2.2 | 2.8 | 3.1 | 2.3 | 2.8 | 4.6 | 7.0 | 7.7 | 60.5 | 8.2 | 2246 |
| | 18-20 | 9.3 | 2.4 | 3.4 | 3.4 | 3.2 | 2.9 | 3.1 | 4.5 | 5.8 | 3.9 | 57.9 | 7.6 | 2246 |
| | 21-23 | 11.5 | 3.0 | 3.5 | 2.9 | 2.5 | 2.1 | 2.4 | 3.9 | 4.4 | 4.1 | 59.7 | 7.5 | 2246 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 7.0 | 2.2 | 3.1 | 2.8 | 2.8 | 2.2 | 2.9 | 4.4 | 5.9 | 5.7 | 61.1 | 8.0 | 17980 |

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

46-70
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 6.6 | 2.5 | 2.8 | 2.9 | 2.6 | 2.1 | 2.6 | 3.9 | 4.9 | 4.0 | 65.0 | 8.1 | 2323 |
| | 03-05 | 8.0 | 2.2 | 2.5 | 2.5 | 2.6 | 2.2 | 2.8 | 3.5 | 4.3 | 3.6 | 65.6 | 8.0 | 2323 |
| | 06-08 | 4.6 | 1.3 | 2.0 | 2.9 | 2.3 | 1.4 | 2.6 | 3.8 | 5.2 | 4.9 | 68.9 | 8.5 | 2324 |
| | 09-11 | 1.7 | 1.4 | 1.4 | 1.9 | 2.0 | 1.7 | 2.2 | 3.1 | 6.7 | 8.4 | 63.5 | 8.9 | 2325 |
| | 12-14 | 2.1 | 1.3 | 1.5 | 1.6 | 1.9 | 1.5 | 1.9 | 4.0 | 6.6 | 8.2 | 69.5 | 8.8 | 2322 |
| | 15-17 | 2.6 | 1.4 | 1.9 | 1.8 | 2.1 | 1.6 | 2.4 | 3.2 | 5.7 | 7.2 | 70.1 | 8.8 | 2317 |
| | 18-20 | 4.7 | 1.5 | 2.7 | 2.9 | 2.5 | 2.5 | 3.4 | 4.6 | 5.6 | 4.4 | 65.2 | 8.3 | 2323 |
| | 21-23 | 5.9 | 2.1 | 2.7 | 2.9 | 3.0 | 2.5 | 3.4 | 4.8 | 4.2 | 4.2 | 64.3 | 8.1 | 2325 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 4.5 | 1.7 | 2.2 | 2.4 | 2.4 | 1.9 | 2.7 | 3.9 | 5.4 | 5.6 | 67.3 | 8.4 | 18582 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
INAC/UMF
AIR FORCE SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

24207 MCCHORD AFB WASHINGTON/TACOMA
STATION STATION NAME

40-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 100 | | | | | | | 1.1 | | | | | | .0 |
| 95 | | | | | | .4 | 1.4 | .3 | | | | | .2 |
| 90 | | | | | .3 | .9 | 4.9 | 2.4 | .7 | | | | .8 |
| 85 | | | | | 2.2 | 4.4 | 12.0 | 9.0 | 3.2 | | | | 2.6 |
| 80 | | | | .4 | 6.0 | 11.5 | 29.3 | 24.1 | 9.4 | .4 | | | 6.8 |
| 75 | | | | 2.7 | 12.7 | 23.6 | 50.4 | 46.8 | 23.5 | 2.1 | | | 13.6 |
| 70 | | .1 | 1.3 | 6.9 | 26.0 | 42.0 | 76.6 | 75.1 | 45.7 | 8.6 | .2 | | 23.8 |
| 65 | | 1.5 | 4.4 | 16.6 | 45.7 | 69.6 | 94.7 | 94.4 | 71.8 | 22.7 | 1.2 | | 55.5 |
| 60 | .5 | 4.9 | 11.6 | 33.6 | 71.7 | 92.9 | 99.6 | 99.4 | 94.3 | 50.4 | 5.9 | 1.1 | 47.4 |
| 55 | 6.7 | 16.6 | 32.4 | 63.4 | 92.5 | 99.3 | 100.0 | 100.0 | 99.7 | 79.7 | 24.9 | 8.0 | 60.5 |
| 50 | 23.3 | 46.6 | 62.6 | 91.2 | 99.1 | 100.0 | | | 100.0 | 93.9 | 60.1 | 29.2 | 73.8 |
| 45 | 47.9 | 76.8 | 91.1 | 99.3 | 100.0 | | | | | 99.4 | 85.3 | 56.7 | 88.2 |
| 40 | 73.3 | 93.8 | 98.1 | 100.0 | | | | | | 100.0 | 95.5 | 84.4 | 93.4 |
| 35 | 90.1 | 98.9 | 99.8 | | | | | | | | 99.4 | 96.0 | 98.7 |
| 30 | 95.7 | 99.7 | 100.0 | | | | | | | | 99.6 | 99.1 | 99.3 |
| 25 | 99.2 | 99.9 | | | | | | | | | 99.7 | 99.6 | 99.9 |
| 20 | 99.9 | 100.0 | | | | | | | | | 100.0 | 99.8 | 100.0 |
| 15 | 100.0 | | | | | | | | | | | 99.9 | 100.0 |
| 10 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 43.9 | 49.0 | 52.0 | 57.7 | 64.7 | 69.2 | 75.4 | 74.3 | 69.4 | 60.0 | 50.6 | 45.6 | 59.3 |
| S D | 7.394 | 6.228 | 6.462 | 7.004 | 8.131 | 7.781 | 7.631 | 6.989 | 7.205 | 6.600 | 6.187 | 6.462 | 12.860 |
| TOTAL OBS | 992 | 904 | 991 | 960 | 992 | 939 | 1002 | 992 | 960 | 991 | 960 | 992 | 11695 |

DATA PROCESSING BRANCH
USAF STAC
AIR WEATHER SERVICE/MAC
24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 65 | | | | | | | 3 | 2 | | | | | 0 |
| 60 | | | | | 1 | 6 | 4 | 2 | 7 | 3 | | | 7 |
| 55 | | | | | 2 | 10 | 29 | 34 | 10 | 2 | | | 7 |
| 50 | 4 | 8 | 1 | 4 | 16 | 31 | 77 | 72 | 42 | 13 | 1 | 7 | 23 |
| 45 | 6 | 5 | 4 | 13 | 50 | 87 | 97 | 95 | 72 | 39 | 14 | 6 | 41 |
| 40 | 20 | 21 | 23 | 46 | 82 | 99 | 99 | 100 | 92 | 68 | 40 | 26 | 60 |
| 35 | 39 | 49 | 53 | 79 | 96 | 100 | 100 | | 98 | 87 | 63 | 51 | 76 |
| 33 | 51 | 59 | 65 | 88 | 98 | | | | 99 | 92 | 70 | 62 | 82 |
| 30 | 67 | 77 | 80 | 98 | 99 | | | | 100 | 98 | 83 | 76 | 90 |
| 25 | 82 | 93 | 97 | 100 | 100 | | | | | 99 | 96 | 89 | 96 |
| 20 | 90 | 97 | 99 | | | | | | | 100 | 99 | 96 | 98 |
| 15 | 94 | 99 | 99 | | | | | | | | 99 | 99 | 99 |
| 10 | 97 | 99 | 100 | | | | | | | | 99 | 99 | 99 |
| 5 | 99 | 99 | | | | | | | | | 99 | 99 | 99 |
| 0 | 99 | 99 | | | | | | | | | 100 | 100 | 100 |
| -5 | 99 | 100 | | | | | | | | | | | 100 |
| -10 | 100 | | | | | | | | | | | | 100 |
| MEAN | 31.5 | 34.2 | 35.0 | 38.0 | 44.3 | 49.5 | 52.5 | 52.3 | 47.8 | 42.5 | 30.9 | 34.3 | 41.7 |
| S D | 2.106 | 6.916 | 5.927 | 4.935 | 5.187 | 4.280 | 4.136 | 4.479 | 5.649 | 6.549 | 7.117 | 7.329 | 9.448 |
| TOTAL OBS | 992 | 904 | 991 | 960 | 992 | 959 | 1002 | 992 | 960 | 991 | 960 | 992 | 11695 |

USAF STAC FORM 021-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH

USAF ETAC

AIR EATER SERVICE/44C

24277

STATION

ACCH RD AFB WASHINGTON/TACOMA

STATION NAME

40-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 80 | | | | | | | 2.6 | | | | | | .1 |
| 75 | | | | | | 3.6 | 2.3 | 1.0 | | | | | .3 |
| 70 | | | | | 3.7 | 13.9 | 12.9 | 7.7 | | | | | 2.1 |
| 65 | | | | | 17.2 | 49.9 | 41.0 | 35.2 | 11.7 | | | | 8.9 |
| 60 | | | | 9.9 | 46.9 | 87.7 | 85.2 | 86.6 | 42.4 | 6.8 | | | 23.8 |
| 55 | 2.2 | 1.0 | 1.0 | 9.5 | 84.1 | 99.6 | 99.2 | 99.2 | 82.1 | 28.3 | 2.0 | | 38.4 |
| 50 | 4.6 | 7.3 | 11.1 | 37.2 | 84.1 | 99.4 | 100.0 | 100.0 | 97.3 | 64.1 | 17.7 | 6.2 | 52.7 |
| 45 | 21.7 | 30.0 | 39.7 | 81.0 | 98.3 | 100.0 | | | 100.0 | 88.8 | 48.4 | 26.4 | 69.7 |
| 40 | 44.6 | 68.5 | 81.9 | 99.2 | 100.0 | | | | | 98.8 | 77.4 | 59.5 | 85.5 |
| 35 | 71.4 | 92.3 | 97.2 | 100.0 | | | | | | 99.8 | 93.7 | 80.9 | 94.6 |
| 30 | 88.1 | 97.5 | 99.6 | | | | | | | 100.0 | 99.1 | 94.2 | 98.2 |
| 25 | 92.9 | 99.2 | 99.9 | | | | | | | | 99.6 | 98.9 | 99.2 |
| 20 | 97.1 | 99.6 | 100.0 | | | | | | | | 99.7 | 99.6 | 99.7 |
| 15 | 99.5 | 99.9 | | | | | | | | | 99.9 | 99.8 | 99.9 |
| 10 | 100.0 | 100.0 | | | | | | | | | 100.0 | 99.9 | 100.0 |
| 5 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 38.0 | 41.7 | 43.6 | 48.4 | 54.7 | 59.5 | 64.1 | 63.5 | 58.7 | 51.3 | 43.9 | 40.1 | 50.6 |
| S D | 7.866 | 5.615 | 4.838 | 4.410 | 5.279 | 4.784 | 4.630 | 4.033 | 4.658 | 5.411 | 5.955 | 6.446 | 10.470 |
| TOTAL OBS | 992 | 904 | 991 | 960 | 992 | 989 | 1002 | 992 | 960 | 991 | 960 | 992 | 11695 |

USAF ETAC FORM 021-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR FATHER SERVICE/IC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

24267 CCH KD APP WASHINGTON/TAGBIA 40-72

STATION

STATION NAME

YEARS

WOLF DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|-----|------|------|------|------|------|------|------|---------------|
| 41 | 50 | 65 | 74 | 78 | 82 | 92 | 100 | 91 | 84 | 75 | 61 | 64 | 100 |
| 42 | 59 | 54 | 70 | 75 | 78 | 97 | 99 | 90 | 83 | 76 | 58 | 57 | 99 |
| 43 | 58 | 61 | 59 | 78 | 78 | 85 | 88 | 87 | 92 | 82 | 63 | 56 | 97 |
| 44 | 58 | 54 | 64 | 76 | 80 | 86 | 90 | 93 | 93 | 74 | 62 | 39 | 96 |
| 45 | 50 | 50 | 60 | 70 | 80 | 84 | 90 | 89 | 83 | 79 | 59 | 60 | 90 |
| 46 | 50 | 60 | 68 | 75 | 80 | 84 | 92 | 88 | 84 | | 61 | 77 | |
| 47 | 57 | 62 | 74 | 82 | 87 | 81 | 87 | 87 | 87 | 69 | 58 | 33 | 87 |
| 48 | 52 | 59 | 68 | 65 | 82 | 89 | 90 | 79 | 83 | 74 | 54 | 48 | 90 |
| 49 | 52 | 66 | 62 | 77 | 80 | 84 | 88 | 92 | 87 | 73 | 72 | 57 | 92 |
| 50 | 51 | 68 | 59 | 77 | 81 | 86 | 89 | 91 | 88 | 71 | 68 | 62 | 91 |
| 51 | 56 | 66 | 65 | 81 | 85 | 95 | 95 | 88 | 90 | 80 | 62 | 50 | 95 |
| 52 | 59 | 65 | 62 | 73 | 83 | 90 | 90 | 93 | 88 | 79 | 65 | 39 | 93 |
| 53 | 57 | 55 | 64 | 66 | 80 | 75 | 92 | 86 | 88 | 80 | 54 | 53 | 92 |
| 54 | 50 | 61 | 64 | 70 | 77 | 78 | 83 | 82 | 77 | 70 | 64 | 50 | 89 |
| 55 | 52 | 52 | 62 | 70 | 73 | 99 | 83 | 88 | 88 | 68 | 62 | 55 | 99 |
| 56 | 50 | 48 | 69 | 75 | 87 | 78 | 92 | 89 | 96 | 68 | 61 | 57 | 96 |
| 57 | 48 | 59 | 62 | 75 | 82 | 77 | 82 | 83 | 86 | 70 | 60 | 61 | 86 |
| 58 | 50 | 65 | 61 | 76 | 88 | 91 | 98 | 97 | 86 | 74 | 69 | 60 | 98 |
| 59 | 50 | 57 | 59 | 74 | 79 | 87 | 97 | 83 | 78 | 66 | 60 | 58 | 97 |
| 60 | 61 | 56 | 67 | 70 | 79 | 85 | 92 | 98 | 81 | 69 | 61 | 61 | 95 |
| 61 | 60 | 57 | 59 | 66 | 85 | 86 | 95 | 92 | 65 | 79 | 59 | 55 | 95 |
| 62 | 59 | 68 | 69 | 80 | 67 | 85 | 90 | 82 | 84 | 76 | 63 | 61 | 95 |
| 63 | 57 | 65 | 65 | 67 | 91 | 87 | 77 | 85 | 90 | 80 | 60 | 60 | 71 |
| 64 | 54 | 50 | 72 | 64 | 83 | 80 | 83 | 85 | 76 | 71 | 57 | 54 | 85 |
| 65 | 52 | 59 | 66 | 76 | 78 | 84 | 91 | 87 | 70 | 75 | 64 | 62 | 91 |
| 66 | 55 | 66 | 70 | 74 | 77 | 82 | 84 | 88 | 83 | 75 | 64 | 56 | 88 |
| 67 | 57 | 60 | 56 | 64 | 82 | 87 | 87 | 94 | 90 | 71 | 59 | 54 | 94 |
| 68 | 60 | 71 | 70 | 78 | 77 | 80 | 92 | 90 | 82 | 70 | 50 | 56 | 92 |
| 69 | 50 | 54 | 74 | 69 | 90 | 90 | 86 | 83 | 82 | 72 | 61 | 69 | 90 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

EXTREME VALUES

24217
STATION

CHW RE AFB WASHINGTON/TAC 1.0
STATION NAME

40-74

YEARS

SMALL DEGREES FAIRFAX

[illegible]

EXTREME VALUES

AXIUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

| STATION | STATION NAME | YEARS |
|---------|-------------------------------|-------|
| 242.7 | CGH RD AIR WASHINGTON/FAC 11A | 40-72 |

WOLF DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

2

DATA PROCESSING BRANCH
ONAF LTAF
AIR EATING SERVICE/ AC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

242.7
STATION

011 40 AFB WASHINGTON/FAC-110
STATION NAME

40-72
YEARS

WOLF DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|-----|------|------|------|------|------|------|------|---------------|
| 4 | | | | | | | | 44 | 38 | 31 | 21 | 16 | |
| 41 | 25 | 25 | 26 | 32 | 35 | 42 | 46 | 47 | 36 | 37 | 24 | 19 | 17 |
| 42 | 10 | 22 | 28 | 33 | 33 | 42 | 48 | 42 | 34 | 29 | 20 | 29 | 10 |
| 43 | 16 | 24 | 21 | 31 | 32 | 42 | 42 | 47 | 38 | 28 | 20 | 22 | 16 |
| 44 | 20 | 23 | 22 | 31 | 32 | 39 | 42 | 41 | 36 | 30 | 29 | 14 | 14 |
| 45 | 21 | 23 | 24 | 27 | 35 | 37 | 42 | 41 | 35 | 30 | 24 | 16 | 10 |
| 46 | 25 | 25 | 29 | 30 | 35 | 41 | 46 | 44 | 34 | | 23 | 18 | |
| 47 | 10 | 22 | 25 | 34 | 34 | 41 | 41 | 41 | 35 | 34 | 25 | 27 | 10 |
| 48 | 19 | 19 | 26 | 29 | 32 | 44 | 45 | 46 | 34 | 28 | 24 | 15 | 15 |
| 49 | 4 | 16 | 28 | 30 | 32 | 40 | 42 | 42 | 35 | 24 | 34 | 17 | 4 |
| 50 | 13 | 11 | 22 | 30 | 34 | 41 | 46 | 42 | 31 | 31 | 23 | 33 | 13 |
| 51 | 10 | 23 | 25 | 29 | 36 | 40 | 45 | 44 | 41 | 30 | 24 | 13 | 10 |
| 52 | 12 | 21 | 21 | 27 | 32 | 40 | 46 | 43 | 38 | 31 | 19 | 23 | 12 |
| 53 | 21 | 27 | 26 | 30 | 35 | 45 | 45 | 47 | 58 | 31 | 28 | 30 | 26 |
| 54 | 8 | 20 | 25 | 31 | 27 | 41 | 45 | 44 | 36 | 30 | 27 | 23 | 8 |
| 55 | 26 | 15 | 12 | 30 | 37 | 42 | 44 | 43 | 37 | 34 | 2 | 19 | 2 |
| 56 | 12 | 11 | 20 | 30 | 34 | 41 | 43 | 43 | 35 | 28 | 25 | 16 | 11 |
| 57 | 2 | 15 | 29 | 32 | 39 | 44 | 45 | 43 | 37 | 25 | 26 | 27 | 2 |
| 58 | 25 | 26 | 26 | 32 | 33 | 47 | 47 | 47 | 40 | 25 | 20 | 30 | 20 |
| 59 | 5 | 27 | 27 | 30 | 32 | 39 | 45 | 42 | 38 | 30 | 23 | 22 | 5 |
| 60 | 18 | 18 | 20 | 31 | 36 | 40 | 44 | 41 | 35 | 30 | 27 | 22 | 18 |
| 61 | 21 | 32 | 29 | 27 | 35 | 40 | 45 | 47 | 34 | 31 | 22 | 19 | 15 |
| 62 | 19 | 16 | 26 | 31 | 32 | 39 | 39 | 42 | 40 | 33 | 27 | 16 | 10 |
| 63 | 6 | 20 | 25 | 27 | 31 | 41 | 42 | 46 | 41 | 30 | 24 | 23 | 6 |
| 64 | 27 | 24 | 27 | 26 | 31 | 42 | 44 | 42 | 36 | 32 | 26 | 7 | 7 |
| 65 | 27 | 26 | 19 | 29 | 32 | 43 | 45 | 41 | 32 | 34 | 27 | 23 | 15 |
| 66 | 24 | 23 | 25 | 29 | 32 | 40 | 46 | 42 | 42 | 32 | 25 | 27 | 22 |
| 67 | 26 | 25 | 24 | 29 | 37 | 43 | 44 | 44 | 35 | 34 | 27 | 17 | 17 |
| 68 | 20 | 21 | 27 | 30 | 37 | 42 | 45 | 45 | 38 | 30 | 26 | 0 | 0 |
| 69 | 11 | 22 | 25 | 32 | 33 | 47 | 43 | 41 | 31 | 21 | 23 | 23 | 11 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR EATER SERVICE/AC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

24207
STATION

COCHISE AIR WASHINGTON/TAC-1A
STATION NAME

40-72
YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|------|------|------|-----|------|------|------|------|------|------|------|-------------------|
| 1 | | | | | | | 49 | | | | | | HIGH TEMP DAYS |
| 2 | | | | | | | 10 | | | 26 | | | HIGH TEMP DAYS |
| 3 | | | 20 | | | | | | | 30 | | | HIGH TEMP DAYS |
| 4 | | | 30 | | | | 40 | | | | | | HIGH TEMP DAYS |
| 5 | | | | | | 29 | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

40-72

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | | | | | | | | | | | | | | | | | |
|-------------|-------------------------------------|-----|-----|----------------|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|-----|----------|----------|-----------|-------|-------|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--------|--|--|--------|--|--|--------|--|--|--------|--|--|--------|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | .0 | | | | .0 | .0 | 4 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 25 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 39 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 68 | 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 86 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 213 | 213 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 333 | 333 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | .0 | | | | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 559 | 559 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 798 | 799 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | .0 | | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1147 | 1147 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | .0 | .0 | .0 | .0 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1587 | 1591 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | .0 | .0 | .0 | .0 | .1 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1973 | 1976 | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | .0 | .0 | .1 | .2 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | | | | | 2652 | 2655 | 7 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | .0 | .0 | .1 | .2 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | 3260 | 3268 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .0 | .0 | .2 | .4 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | | | 3948 | 3954 | 127 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | .0 | .0 | .1 | .3 | .6 | .5 | .3 | .1 | .0 | .0 | .0 | | | | | | | 5116 | 5123 | 424 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | .0 | .1 | .2 | .5 | .6 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | | | | | | 5871 | 5878 | 1122 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | .0 | .2 | .5 | .8 | .6 | .4 | .1 | .0 | .0 | .0 | | | | | | | | 7262 | 7284 | 2486 | 139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | .0 | .1 | .4 | .8 | .8 | .6 | .2 | .1 | .0 | .0 | .0 | | | | | | | | 8352 | 8373 | 4484 | 406 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | .0 | .4 | .7 | 1.0 | .8 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 10123 | 10175 | 7103 | 1187 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .9 | 1.3 | 1.2 | .8 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | 13436 | 13490 | 11035 | 3053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | .1 | 1.5 | 1.6 | 1.0 | .6 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | 14478 | 14523 | 15298 | 6670 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | .2 | 2.0 | 1.8 | 1.0 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | 16315 | 16376 | 18279 | 11776 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | .3 | 2.2 | 1.7 | 1.0 | .5 | .2 | .1 | .0 | .0 | | | | | | | | | | 16536 | 16601 | 19441 | 16501 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | .4 | 2.6 | 1.8 | .8 | .4 | .2 | .0 | .0 | | | | | | | | | | | 17112 | 17193 | 19325 | 19488 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | .5 | 2.9 | 2.0 | .9 | .3 | .1 | .0 | .0 | | | | | | | | | | | 18580 | 18689 | 20061 | 21302 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | .5 | 3.2 | 1.6 | .8 | .3 | .0 | .0 | .0 | .0 | | | | | | | | | | 17760 | 17852 | 20350 | 21935 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | .7 | 3.6 | 1.6 | .6 | .1 | .0 | .0 | .0 | | | | | | | | | | | 18598 | 18690 | 21619 | 22195 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | .8 | 3.3 | 1.4 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 16738 | 16831 | 20662 | 22355 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | .9 | 3.2 | 1.2 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 15477 | 15566 | 19487 | 21677 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | 1.0 | 3.0 | .9 | .1 | .0 | .0 | | | | | | | | | | | | | 14031 | 14083 | 18475 | 20233 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | .9 | 2.5 | .4 | .1 | .0 | .0 | .0 | | | | | | | | | | | | 11006 | 11068 | 14674 | 19168 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .9 | 2.1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 9405 | 9469 | 11815 | 17534 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | .9 | 1.6 | .2 | .0 | .0 | .0 | | | | | | | | | | | | | 7446 | 7507 | 9597 | 14935 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Z _{X'} | | | Z _X | | | X̄ | | | s _X | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≥ 0 F | | | ≥ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

40-72

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

YEARS

JAN
MONTH

PAGE 1 ALL
HOURS (L, S, T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 62/ 61 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 60/ 59 | | .0 | .0 | | .0 | .0 | .0 | | | | | | | | | | | 18 | 18 | | | | | | | | |
| 58/ 57 | | .1 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | 77 | 77 | 9 | 1 | | | | | | |
| 56/ 55 | .0 | .2 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 186 | 186 | 19 | 21 | | | | | | |
| 54/ 53 | | .4 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | 332 | 332 | 59 | 22 | | | | | | |
| 52/ 51 | .0 | 1.1 | 1.1 | .4 | .1 | .0 | .0 | | | | | | | | | | | 616 | 616 | 244 | 119 | | | | | | |
| 50/ 49 | .1 | 1.8 | 1.7 | .4 | .0 | .0 | .0 | | | | | | | | | | | 966 | 966 | 553 | 274 | | | | | | |
| 48/ 47 | .2 | 3.3 | 1.8 | .5 | .1 | .0 | .0 | | | | | | | | | | | 1412 | 1412 | 1004 | 534 | | | | | | |
| 46/ 45 | .5 | 4.2 | 1.9 | .4 | .1 | .1 | | | | | | | | | | | | 1687 | 1687 | 1490 | 956 | | | | | | |
| 44/ 43 | .9 | 4.9 | 1.8 | .5 | .1 | .1 | | | | | | | | | | | | 1937 | 1938 | 1876 | 1509 | | | | | | |
| 42/ 41 | 1.4 | 4.8 | 2.0 | .4 | .1 | .0 | | | | | | | | | | | | 2067 | 2067 | 1994 | 1699 | | | | | | |
| 40/ 39 | 1.8 | 5.9 | 1.8 | .3 | .1 | | | | | | | | | | | | | 2328 | 2329 | 2282 | 1974 | | | | | | |
| 38/ 37 | 1.9 | 5.9 | 1.1 | .3 | .0 | | | | | | | | | | | | | 2193 | 2193 | 2456 | 2125 | | | | | | |
| 36/ 35 | 2.0 | 5.9 | .9 | .2 | .1 | .0 | | | | | | | | | | | | 2131 | 2131 | 2339 | 2372 | | | | | | |
| 34/ 33 | 2.7 | 4.9 | .5 | .2 | .1 | .0 | | | | | | | | | | | | 1960 | 1967 | 2423 | 2612 | | | | | | |
| 32/ 31 | 2.9 | 2.7 | .4 | .1 | .0 | | | | | | | | | | | | | 1451 | 1455 | 1969 | 2378 | | | | | | |
| 30/ 29 | 2.2 | 1.9 | .4 | .1 | .0 | | | | | | | | | | | | | 1084 | 1088 | 1136 | 1701 | | | | | | |
| 28/ 27 | 1.9 | 1.2 | .3 | .1 | .0 | | | | | | | | | | | | | 817 | 817 | 977 | 1015 | | | | | | |
| 26/ 25 | 1.5 | .9 | .3 | .1 | .0 | | | | | | | | | | | | | 673 | 673 | 721 | 915 | | | | | | |
| 24/ 23 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | | | 408 | 409 | 488 | 682 | | | | | | |
| 22/ 21 | .6 | .7 | | .0 | | | | | | | | | | | | | | 346 | 348 | 394 | 489 | | | | | | |
| 20/ 19 | .5 | .5 | .1 | | | | | | | | | | | | | | | 272 | 284 | 355 | 300 | | | | | | |
| 18/ 17 | .3 | .3 | .0 | | | | | | | | | | | | | | | 143 | 149 | 202 | 366 | | | | | | |
| 16/ 15 | .3 | .3 | .0 | | | | | | | | | | | | | | | 156 | 157 | 170 | 242 | | | | | | |
| 14/ 13 | .2 | .2 | | | | | | | | | | | | | | | | 100 | 100 | 132 | 213 | | | | | | |
| 12/ 11 | .2 | .1 | | | | | | | | | | | | | | | | 76 | 77 | 92 | 232 | | | | | | |
| 10/ 9 | .2 | .1 | | | | | | | | | | | | | | | | 69 | 69 | 76 | 143 | | | | | | |
| 8/ 7 | .1 | .0 | | | | | | | | | | | | | | | | 40 | 40 | 43 | 133 | | | | | | |
| 6/ 5 | .1 | .0 | | | | | | | | | | | | | | | | 29 | 30 | 28 | 122 | | | | | | |
| 4/ 3 | .1 | .0 | | | | | | | | | | | | | | | | 20 | 20 | 21 | 57 | | | | | | |
| 2/ 1 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 67 | | | | | | |
| 0/ -1 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 45 | | | | | | |
| -2/ -3 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | | 32 | | | | | | |
| -4/ -5 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 25 | | | | | | |
| Element (X) | Σ X' | | | | Σ X | | | | X̄ | | | | s _x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

FEB

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 72/ 71 | | | | | | | | | .0 | | | | | | | | | 2 | 2 | | | |
| 70/ 69 | | | | | | | | .0 | .0 | | | | | | | | | 1 | 1 | | | |
| 68/ 67 | | | | | | | .0 | .0 | .0 | | | | | | | | | 10 | 10 | | | |
| 66/ 65 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 15 | 15 | | | |
| 64/ 63 | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 25 | 25 | | | |
| 62/ 61 | | | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | 43 | 43 | | | |
| 60/ 59 | | .0 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 107 | 107 | | | |
| 58/ 57 | | .1 | .1 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 178 | 178 | 5 | | |
| 56/ 55 | .0 | .4 | .3 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | 348 | 348 | 49 | 8 | |
| 54/ 53 | .0 | .6 | .6 | .6 | .4 | .1 | .1 | .0 | .0 | | | | | | | | | 519 | 519 | 191 | 57 | |
| 52/ 51 | .1 | 1.2 | 1.1 | .9 | .5 | .3 | .1 | .0 | | | | | | | | | | 904 | 904 | 383 | 161 | |
| 50/ 49 | .3 | 1.8 | 1.7 | 1.3 | .6 | .3 | .1 | .0 | | | | | | | | | | 1291 | 1291 | 662 | 348 | |
| 48/ 47 | .3 | 3.1 | 2.1 | 1.5 | .6 | .1 | .0 | .0 | .0 | | | | | | | | | 1686 | 1686 | 1076 | 567 | |
| 46/ 45 | .7 | 4.7 | 2.8 | 1.6 | .4 | .1 | .0 | | | | | | | | | | | 2203 | 2203 | 1742 | 933 | |
| 44/ 43 | 1.0 | 4.8 | 3.1 | 1.1 | .3 | .1 | | | | | | | | | | | | 2231 | 2231 | 2122 | 1464 | |
| 42/ 41 | 1.2 | 5.6 | 2.8 | .8 | .2 | .1 | | | | | | | | | | | | 2288 | 2291 | 2483 | 1809 | |
| 40/ 39 | 1.5 | 6.0 | 2.3 | .5 | .1 | .0 | | | | | | | | | | | | 2252 | 2256 | 2879 | 2125 | |
| 38/ 37 | 1.4 | 5.6 | 1.1 | .3 | .1 | .0 | | | | | | | | | | | | 1837 | 1837 | 2510 | 2435 | |
| 36/ 35 | 1.6 | 4.5 | .8 | .2 | .1 | .0 | | | | | | | | | | | | 1529 | 1535 | 2087 | 2622 | |
| 34/ 33 | 1.5 | 3.5 | .4 | .1 | .0 | | | | | | | | | | | | | 1194 | 1200 | 1634 | 2434 | |
| 32/ 31 | 1.8 | 2.7 | .2 | .1 | | | | | | | | | | | | | | 1026 | 1028 | 1323 | 2057 | |
| 30/ 29 | 1.6 | 1.9 | .2 | .1 | | | | | | | | | | | | | | 815 | 819 | 983 | 1453 | |
| 28/ 27 | 1.0 | .8 | .1 | .0 | | | | | | | | | | | | | | 398 | 402 | 614 | 931 | |
| 26/ 25 | .5 | .5 | .1 | | | | | | | | | | | | | | | 232 | 233 | 300 | 760 | |
| 24/ 23 | .2 | .2 | .0 | | | | | | | | | | | | | | | 93 | 93 | 141 | 391 | |
| 22/ 21 | .1 | .2 | .0 | | | | | | | | | | | | | | | 66 | 66 | 66 | 238 | |
| 20/ 19 | .2 | .1 | .0 | | | | | | | | | | | | | | | 54 | 54 | 74 | 157 | |
| 18/ 17 | .1 | .1 | .0 | | | | | | | | | | | | | | | 38 | 40 | 42 | 139 | |
| 16/ 15 | .1 | .0 | | | | | | | | | | | | | | | | 29 | 29 | 45 | 92 | |
| 14/ 13 | .0 | .0 | | | | | | | | | | | | | | | | 8 | 8 | 9 | 75 | |
| 12/ 11 | .1 | .0 | | | | | | | | | | | | | | | | 15 | 15 | 16 | 58 | |
| 10/ 9 | .0 | .0 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 55 | |
| 8/ 7 | .0 | | | | | | | | | | | | | | | | | 8 | 8 | 9 | 28 | |
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 11 | 11 | 10 | 26 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Re. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

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ALL
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

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USAFETAC

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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JUN
MONTH

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HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-72

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL O.B.W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|-------------|-------|-------------|-------|-------------|----------|-------------|-----------|-------------|-------------------|-------|------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .0 | .0 | | | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | 12 | 12 | | |
| 96/ 95 | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | | | | | | 25 | 25 | | |
| 94/ 93 | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | 38 | 38 | | |
| 92/ 91 | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | | | | | 47 | 47 | | |
| 90/ 89 | | | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | 113 | 113 | | |
| 88/ 87 | | | | | | | | | .0 | .0 | .1 | .2 | .2 | .1 | .0 | | | | | | | 147 | 147 | | |
| 86/ 85 | | | | | | | | .0 | .0 | .1 | .2 | .4 | .1 | .1 | .0 | | | | | | | 219 | 219 | | |
| 84/ 83 | | | | | | | .0 | .0 | .1 | .3 | .5 | .4 | .1 | .0 | .0 | | | | | | | 342 | 343 | | |
| 82/ 81 | | | | | | | .0 | .0 | .2 | .6 | .5 | .3 | .1 | .0 | | | | | | | | 431 | 431 | | |
| 80/ 79 | | | | | | .1 | .2 | .6 | .8 | .6 | .2 | .0 | .0 | | | | | | | | | 594 | 596 | | |
| 78/ 77 | | | | | .0 | .1 | .5 | .9 | .9 | .3 | .1 | .0 | | | | | | | | | | 677 | 678 | | |
| 76/ 75 | | | | .0 | .1 | .4 | 1.0 | 1.1 | .6 | .2 | .1 | .0 | | | | | | | | | | 818 | 818 | 5 | |
| 74/ 73 | | | .0 | .0 | .2 | .8 | 1.3 | 1.2 | .5 | .1 | .0 | | | | | | | | | | | 976 | 976 | 23 | |
| 72/ 71 | | | .0 | .2 | .6 | 1.4 | 1.6 | .8 | .2 | .0 | .0 | | | | | | | | | | | 1164 | 1165 | 70 | |
| 70/ 69 | | | .0 | .3 | 1.2 | 2.1 | 1.5 | .5 | .1 | | | | | | | | | | | | | 1352 | 1352 | 202 | 6 |
| 68/ 67 | | .0 | .2 | .8 | 1.8 | 1.9 | 1.1 | .2 | .0 | | | | .0 | | | | | | | | | 1444 | 1445 | 484 | 13 |
| 66/ 65 | | .1 | .6 | 1.7 | 2.4 | 1.7 | .6 | .1 | .0 | | | | | | | | | | | | | 1698 | 1700 | 983 | 54 |
| 64/ 63 | | .4 | 1.1 | 2.4 | 2.3 | 1.0 | .1 | .0 | | | | | | | | | | | | | | 1758 | 1760 | 1573 | 127 |
| 62/ 61 | .0 | 1.0 | 2.1 | 2.9 | 1.6 | .4 | .0 | | | | | | | | | | | | | | | 1906 | 1908 | 2251 | 397 |
| 60/ 59 | .1 | 2.1 | 3.5 | 2.9 | .8 | .1 | | | | | | | | | | | | | | | | 2243 | 2243 | 2956 | 963 |
| 58/ 57 | .1 | 3.1 | 3.9 | 1.6 | .3 | .0 | .0 | | | | | | | | | | | | | | | 2156 | 2157 | 3642 | 1810 |
| 56/ 55 | .4 | 4.0 | 3.5 | .9 | .0 | | | | | | | | | | | | | | | | | 2111 | 2112 | 3698 | 3079 |
| 54/ 53 | .3 | 3.6 | 2.2 | .4 | .0 | | | | | | | | | | | | | | | | | 1553 | 1553 | 3249 | 3903 |
| 52/ 51 | .3 | 2.6 | 1.1 | .1 | | | | | | | | | | | | | | | | | | 967 | 967 | 2268 | 4300 |
| 50/ 49 | .3 | 1.5 | .6 | .0 | .0 | | | | | | | | | | | | | | | | | 574 | 575 | 1338 | 3694 |
| 48/ 47 | .1 | .8 | .2 | .0 | | | | | | | | | | | | | | | | | | 271 | 273 | 609 | 2668 |
| 46/ 45 | .1 | .4 | .0 | | | | | | | | | | | | | | | | | | | 131 | 132 | 327 | 1524 |
| 44/ 43 | .0 | .1 | .0 | | | | | | | | | | | | | | | | | | | 29 | 29 | 101 | 769 |
| 42/ 41 | .0 | .0 | | | | | | | | | | | | | | | | | | | | 5 | 5 | 20 | 314 |
| 40/ 39 | | .0 | | | | | | | | | | | | | | | | | | | | 3 | 3 | 7 | 129 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\leq 67 F$ | | $\leq 73 F$ | | $\leq 80 F$ | | $\leq 93 F$ | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 2 ALL
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

40-71

AUG
MONTH

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 98/ 97 | | | | | | | | | | | | | | | .0 | .0 | .0 | 8 | 8 | | | | | |
| 96/ 95 | | | | | | | | | | | | | | .0 | .0 | .0 | | 6 | 6 | | | | | |
| 94/ 93 | | | | | | | | | | | .0 | | .0 | .0 | .0 | .0 | .0 | 18 | 18 | | | | | |
| 92/ 91 | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 20 | 20 | | | | | |
| 90/ 89 | | | | | | | | | .0 | .0 | .1 | .1 | .1 | .0 | | | | 63 | 63 | | | | | |
| 88/ 87 | | | | | | | | .0 | .0 | .0 | .2 | .1 | .1 | .0 | .0 | | | 109 | 109 | | | | | |
| 86/ 85 | | | | | | | | .0 | .1 | .2 | .2 | .2 | .0 | .0 | | | | 163 | 163 | | | | | |
| 84/ 83 | | | | | | | .0 | .0 | .2 | .3 | .3 | .1 | .0 | | | | | 209 | 209 | | | | | |
| 82/ 81 | | | | | | .0 | .1 | .2 | .4 | .4 | .2 | .1 | | | | | | 321 | 321 | | | | | |
| 80/ 79 | | | | | .0 | .1 | .2 | .4 | .6 | .5 | .2 | .0 | | | | | | 458 | 460 | | | | | |
| 78/ 77 | | | | .0 | .0 | .2 | .4 | .8 | .6 | .3 | .1 | .0 | | | | | | 591 | 592 | | | | | |
| 76/ 75 | | | | .0 | .1 | .4 | .8 | 1.1 | .6 | .2 | .0 | .0 | | | | | | 766 | 768 | | | | | |
| 74/ 73 | | | .0 | .1 | .2 | .8 | 1.4 | 1.1 | .4 | .1 | .0 | | | | | | | 972 | 973 | 7 | | | | |
| 72/ 71 | | | .0 | .1 | .6 | 1.2 | 1.6 | .6 | .2 | .0 | .0 | | | | | | | 1025 | 1026 | 31 | | | | |
| 70/ 69 | | .0 | .1 | .4 | 1.3 | 2.1 | 1.3 | .5 | .1 | .0 | | | | | | | | 1373 | 1373 | 142 | 2 | | | |
| 68/ 67 | | .0 | .2 | .9 | 2.0 | 1.9 | .8 | .2 | .0 | .0 | | | | | | | | 1439 | 1439 | 372 | 11 | | | |
| 66/ 65 | | .1 | .7 | 2.1 | 2.5 | 1.3 | .4 | .0 | .0 | | | | | | | | | 1685 | 1685 | 818 | 53 | | | |
| 64/ 63 | .1 | .5 | 1.5 | 2.8 | 1.8 | .9 | .1 | .0 | | | | | | | | | | 1820 | 1820 | 1423 | 160 | | | |
| 62/ 61 | .0 | 1.5 | 2.8 | 2.8 | 1.4 | .3 | .0 | | | | | | | | | | | 2094 | 2094 | 2204 | 385 | | | |
| 60/ 59 | .3 | 3.8 | 4.0 | 2.2 | .7 | .1 | .0 | | | | | | | | | | | 2649 | 2649 | 3486 | 1020 | | | |
| 58/ 57 | .4 | 4.8 | 3.6 | 1.1 | .4 | .0 | | | | | | | | | | | | 2449 | 2449 | 4205 | 2290 | | | |
| 56/ 55 | .5 | 4.3 | 2.7 | .6 | .1 | .0 | | | | | | | | | | | | 1945 | 1945 | 3886 | 3719 | | | |
| 54/ 53 | .5 | 3.1 | 1.6 | .4 | .0 | | | | | | | | | | | | | 1309 | 1309 | 2851 | 4315 | | | |
| 52/ 51 | .5 | 2.3 | .8 | .1 | .0 | | | | | | | | | | | | | 884 | 884 | 1799 | 3904 | | | |
| 50/ 49 | .5 | 1.8 | .3 | .1 | | | | | | | | | | | | | | 696 | 696 | 1207 | 3076 | | | |
| 48/ 47 | .3 | .9 | .2 | .0 | | | | | | | | | | | | | | 358 | 358 | 695 | 2163 | | | |
| 46/ 45 | .2 | .4 | .1 | | | | | | | | | | | | | | | 180 | 180 | 350 | 1292 | | | |
| 44/ 43 | .1 | .2 | .1 | | | | | | | | | | | | | | | 80 | 80 | 163 | 724 | | | |
| 42/ 41 | .0 | .1 | .0 | | | | | | | | | | | | | | | 25 | 25 | 56 | 335 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 20 | 163 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|------------------|-------------------------------------|----------|-----------|--------|----------|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 30 / 29 TOTAL | 3.4 | 23.9 | 18.9 | 13.8 | 11.2 | 9.1 | 7.1 | 5.0 | 3.1 | 2.0 | 1.3 | .6 | .3 | .1 | .1 | .0 | .0 | | 23722 | | 23716 | | | |
| | | | | | | | | | | | | | | | | | | 23715 | | 23716 | | | | |
| Element (X) | $\sum x^2$ | $\sum x$ | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 126018233 | 1673555 | 70.6 | 18.249 | 23711 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | |
| Dry Bulb | 96293704 | 1496802 | 63.1 | 8.829 | 23722 | | | 236.7 | 116.4 | 35.5 | 1.0 | 744 | | | | | | | | | | | | |
| Wet Bulb | 77040236 | 1346626 | 56.8 | 4.933 | 23716 | | | 17.3 | .2 | | | 744 | | | | | | | | | | | | |
| Dew Point | 65176298 | 1238490 | 52.2 | 4.593 | 23716 | | | .1 | .4 | | | 744 | | | | | | | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 94/ 93 | | | | | | | | | | | | | | .0 | | | | 1 | 1 | | | | | |
| 92/ 91 | | | | | | | | | | | | | | .0 | .0 | | | 5 | 5 | | | | | |
| 90/ 89 | | | | | | | | | | | | .0 | | .0 | .0 | | | 10 | 10 | | | | | |
| 88/ 87 | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | 29 | 29 | | | | | |
| 86/ 85 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 46 | 46 | | | | | |
| 84/ 83 | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | 89 | 89 | | | | | |
| 82/ 81 | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | 111 | 111 | | | | | |
| 80/ 79 | | | | | .0 | .0 | .1 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | 168 | 168 | | | | | |
| 78/ 77 | | | | .0 | .0 | .1 | .3 | .4 | .2 | .1 | .0 | .0 | | | | | | 242 | 243 | | | | | |
| 76/ 75 | | | .0 | .0 | .2 | .4 | .6 | .3 | .2 | .1 | .0 | .0 | | | | | | 406 | 407 | | | | | |
| 74/ 73 | | | .0 | .1 | .3 | .7 | .5 | .2 | .1 | .0 | .0 | | | | | | | 440 | 444 | | | | | |
| 72/ 71 | | .0 | .1 | .3 | .7 | .6 | .5 | .2 | .1 | .0 | .0 | | | | | | | 576 | 578 | 7 | | | | |
| 70/ 69 | .0 | .0 | .2 | .7 | 1.0 | .9 | .4 | .2 | .0 | .0 | | | | | | | | 798 | 799 | 24 | | | | |
| 68/ 67 | .0 | .1 | .4 | 1.1 | 1.3 | .6 | .3 | .1 | .0 | .0 | | | | | | | | 930 | 931 | 95 | 7 | | | |
| 66/ 65 | .1 | .4 | 1.3 | 1.4 | 1.2 | .6 | .1 | .0 | .1 | .0 | | | | | | | | 1208 | 1209 | 242 | 16 | | | |
| 64/ 63 | .0 | .4 | .9 | 1.7 | 1.5 | 1.0 | .5 | .1 | .0 | .0 | | | | | | | | 1379 | 1380 | 671 | 61 | | | |
| 62/ 61 | .1 | 1.1 | 1.7 | 2.0 | 1.5 | .8 | .2 | .1 | .0 | | | | | | | | | 1731 | 1740 | 1204 | 236 | | | |
| 60/ 59 | .2 | 2.8 | 3.1 | 2.1 | 1.2 | .5 | .1 | .0 | .0 | | | | | | | | | 2314 | 2317 | 1897 | 554 | | | |
| 58/ 57 | .4 | 4.2 | 3.1 | 1.6 | .7 | .1 | .0 | .0 | | | | | | | | | | 2336 | 2336 | 2917 | 1207 | | | |
| 56/ 55 | .9 | 4.9 | 3.0 | 1.1 | .3 | .0 | .0 | | | | | | | | | | | 2367 | 2370 | 3384 | 2385 | | | |
| 54/ 53 | 1.1 | 4.5 | 2.3 | .8 | .2 | .0 | .0 | | | | | | | | | | | 2029 | 2033 | 3309 | 3234 | | | |
| 52/ 51 | 1.0 | 3.7 | 1.6 | .3 | .1 | .0 | | | | | | | | | | | | 1516 | 1521 | 2701 | 3156 | | | |
| 50/ 49 | 1.2 | 3.1 | 1.0 | .1 | .0 | .0 | | | | | | | | | | | | 1267 | 1275 | 2135 | 3124 | | | |
| 48/ 47 | .9 | 2.7 | .9 | .0 | .0 | | | | | | | | | | | | | 944 | 947 | 1530 | 2684 | | | |
| 46/ 45 | .8 | 2.1 | .2 | .0 | .0 | | | | | | | | | | | | | 731 | 732 | 1073 | 2205 | | | |
| 44/ 43 | .8 | 1.1 | .2 | .0 | | | | | | | | | | | | | | 485 | 485 | 720 | 1506 | | | |
| 42/ 41 | .6 | .9 | .1 | | | | | | | | | | | | | | | 358 | 358 | 448 | 1078 | | | |
| 40/ 39 | .4 | .4 | .1 | | | | | | | | | | | | | | | 188 | 188 | 265 | 648 | | | |
| 38/ 37 | .3 | .2 | .0 | | | | | | | | | | | | | | | 116 | 116 | 161 | 357 | | | |
| 36/ 35 | .1 | .1 | .0 | | | | | | | | | | | | | | | 62 | 62 | 76 | 191 | | | |
| 34/ 33 | .0 | .0 | .0 | | | | | | | | | | | | | | | 16 | 16 | 30 | 93 | | | |
| 32/ 31 | .0 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 14 | 69 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 50 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 20 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | Total | |
| Rel. Hum | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

373

40-71

STATION

STATION NAME

YEARS

MUN 71

ALL

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

40-71

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-----|-----------|----------|----------|-----------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 82/ 81 | | | | | | | | | | .0 | .0 | | | | | | | 2 | 2 | | | | | |
| 80/ 79 | | | | | .0 | .0 | | .0 | .0 | .0 | .0 | | | | | | | 10 | 10 | | | | | |
| 78/ 77 | | | | | | | | .0 | .0 | .0 | .0 | | | | | | | 17 | 17 | | | | | |
| 76/ 75 | | | | .0 | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | | 33 | 33 | | | | | |
| 74/ 73 | | | | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | 52 | 55 | | | | | |
| 72/ 71 | | | .0 | .0 | .0 | .1 | .2 | .1 | .0 | .0 | .0 | | | | | | | 96 | 98 | 3 | | | | |
| 70/ 69 | | | .0 | .0 | .1 | .2 | .3 | .1 | .0 | .0 | .0 | | | | | | | 182 | 188 | | 1 | | | |
| 68/ 67 | | | .0 | .1 | .3 | .5 | .2 | .1 | .0 | .0 | | | | | | | | 270 | 275 | 2 | 2 | | | |
| 66/ 65 | | .0 | .1 | .4 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | 368 | 383 | 14 | 1 | | | |
| 64/ 63 | .0 | .1 | .2 | .8 | .7 | .4 | .1 | .0 | .0 | | | | | | | | | 553 | 568 | 54 | 9 | | | |
| 62/ 61 | .0 | .3 | .5 | 1.1 | .8 | .4 | .1 | .0 | | | | | | | | | | 762 | 798 | 215 | 32 | | | |
| 60/ 59 | .1 | .9 | 1.5 | 1.4 | .9 | .3 | .1 | | | | .0 | | | | | | | 1220 | 1261 | 522 | 127 | | | |
| 58/ 57 | .2 | 1.9 | 2.2 | 1.5 | .8 | .3 | .1 | .0 | .0 | | | | | | | | | 1628 | 1659 | 967 | 319 | | | |
| 56/ 55 | .4 | 3.3 | 2.6 | 1.4 | .8 | .3 | .0 | .0 | .0 | | | | | | | | | 2051 | 2094 | 1677 | 728 | | | |
| 54/ 53 | .7 | 4.6 | 2.7 | 1.4 | .6 | .1 | .0 | .0 | .0 | | | | | | | | | 2384 | 2418 | 2194 | 1502 | | | |
| 52/ 51 | 1.2 | 4.8 | 2.4 | 1.1 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | 2302 | 2336 | 2731 | 2297 | | | |
| 50/ 49 | 1.6 | 5.2 | 2.5 | .8 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 2403 | 2446 | 2786 | 2592 | | | |
| 48/ 47 | 1.7 | 5.5 | 1.7 | .5 | .1 | .0 | .0 | .0 | | | | | | | | | | 2189 | 2220 | 2856 | 2793 | | | |
| 46/ 45 | 2.2 | 4.8 | 1.1 | .1 | .0 | | | | | | | | | | | | | 1909 | 1924 | 2815 | 2888 | | | |
| 44/ 43 | 2.0 | 3.4 | .7 | .1 | .0 | .0 | | | | | | | | | | | | 1432 | 1448 | 2032 | 2705 | | | |
| 42/ 41 | 1.7 | 2.2 | .4 | .0 | .0 | .0 | | | | | | | | | | | | 1021 | 1035 | 1419 | 2240 | | | |
| 40/ 39 | 1.7 | 1.7 | .2 | .0 | .0 | .0 | | | | | | | | | | | | 838 | 849 | 1046 | 1684 | | | |
| 38/ 37 | 1.0 | 1.4 | .1 | .0 | .0 | | | | | | | | | | | | | 584 | 592 | 674 | 1204 | | | |
| 36/ 35 | .7 | .8 | .1 | .0 | | | | | | | | | | | | | | 390 | 399 | 503 | 798 | | | |
| 34/ 33 | .9 | .6 | .1 | .0 | | | | | | | | | | | | | | 270 | 278 | 348 | 533 | | | |
| 32/ 31 | .5 | .3 | .0 | | | | | | | | | | | | | | | 190 | 196 | 242 | 365 | | | |
| 30/ 29 | .2 | .1 | | | | | | | | | | | | | | | | 71 | 71 | 107 | 194 | | | |
| 28/ 27 | .1 | .1 | | | | | | | | | | | | | | | | 31 | 31 | 40 | 80 | | | |
| 26/ 25 | .0 | .0 | | | | | | | | | | | | | | | | 16 | 16 | 24 | 63 | | | |
| 24/ 23 | .0 | .0 | | | | | | | | | | | | | | | | .6 | .6 | 9 | 49 | | | |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 22 | | | |
| 20/ 19 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 18 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

40-71

067
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHURD AFB WASHINGTON/TACOMA 40-71

NOV
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|--|------|----------|----------|-----------|------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 72/ 71 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | | | | | |
| 70/ 69 | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 7 | 7 | | | | | | |
| 68/ 67 | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 6 | 8 | | | | | | |
| 66/ 65 | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 13 | 13 | 1 | | | | | |
| 64/ 63 | | | .0 | .0 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 39 | 39 | | | | | | |
| 62/ 61 | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | 67 | 67 | 3 | | | | | |
| 60/ 59 | | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 156 | 160 | 17 | 3 | | | | |
| 58/ 57 | .1 | .4 | .4 | .4 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 341 | 345 | 92 | 33 | | | | |
| 56/ 55 | .1 | .9 | .9 | .5 | .2 | .1 | .0 | | | | | | | | | | | 622 | 625 | 239 | 106 | | | | |
| 54/ 53 | .3 | 1.6 | 1.5 | .9 | .3 | .1 | .0 | .0 | | | | | | | | | | 1043 | 1052 | 480 | 253 | | | | |
| 52/ 51 | .4 | 3.6 | 1.9 | .9 | .3 | .1 | .0 | | | | | | | | | | | 1626 | 1640 | 952 | 554 | | | | |
| 50/ 49 | .8 | 4.7 | 2.7 | 1.0 | .3 | .0 | .0 | | | | | | | | | | | 2139 | 2170 | 1645 | 1047 | | | | |
| 48/ 47 | 1.1 | 5.8 | 2.2 | 1.0 | .2 | .0 | | | | | | | | | | | | 2343 | 2377 | 2157 | 1676 | | | | |
| 46/ 45 | 1.8 | 6.7 | 2.3 | .7 | .1 | .0 | | | | | | | | | | | | 2628 | 2665 | 2776 | 2031 | | | | |
| 44/ 43 | 1.6 | 6.4 | 1.8 | .3 | .1 | .0 | | | | | | | | | | | | 2277 | 2323 | 2716 | 2452 | | | | |
| 42/ 41 | 2.1 | 5.7 | 1.2 | .2 | .0 | | | | | | | | | | | | | 2057 | 2103 | 2600 | 2652 | | | | |
| 40/ 39 | 2.6 | 4.4 | .8 | .1 | .0 | | | | | | | | | | | | | 1779 | 1802 | 2379 | 2560 | | | | |
| 38/ 37 | 2.1 | 3.5 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 1384 | 1412 | 1675 | 2364 | | | | |
| 36/ 35 | 2.0 | 2.6 | .2 | .0 | .0 | .0 | | | | | | | | | | | | 1082 | 1120 | 1340 | 1905 | | | | |
| 34/ 33 | 1.8 | 2.1 | .1 | .0 | .0 | | | | | | | | | | | | | 930 | 946 | 1069 | 1475 | | | | |
| 32/ 31 | 1.8 | 1.2 | .1 | .0 | .0 | | | | | | | | | | | | | 712 | 732 | 898 | 1175 | | | | |
| 30/ 29 | 1.6 | .7 | .1 | .0 | | | | | | | | | | | | | | 545 | 575 | 619 | 857 | | | | |
| 28/ 27 | .9 | .5 | .1 | .0 | | | | | | | | | | | | | | 332 | 357 | 379 | 440 | | | | |
| 26/ 25 | .5 | .2 | .0 | | | | | | | | | | | | | | | 177 | 185 | 227 | 357 | | | | |
| 24/ 23 | .2 | .1 | .1 | .0 | | | | | | | | | | | | | | 86 | 91 | 84 | 207 | | | | |
| 22/ 21 | .1 | .0 | .0 | | | | | | | | | | | | | | | 34 | 35 | 53 | 95 | | | | |
| 20/ 19 | .0 | .0 | .0 | | | | | | | | | | | | | | | 20 | 21 | 31 | 49 | | | | |
| 18/ 17 | .0 | .1 | .0 | | | | | | | | | | | | | | | 21 | 21 | 17 | 35 | | | | |
| 16/ 15 | .0 | .1 | .0 | | | | | | | | | | | | | | | 19 | 19 | 21 | 29 | | | | |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 19 | 23 | | | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 18 | | | | |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 25 | | | | |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 37 | | | | |
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 12 | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F ≤ 3" F ≤ 67 F ≤ 73 F ≤ 80 F ≤ 93 F Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

24207
STATIC

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-71

NOV
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|----|----|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 | 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 4/ 3 | .0 | .0 | | | | | | | | | | | | | | | | | | 3 | 3 | 4 | 17 | |
| 2/ 1 | .0 | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 8 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 22.05 | 1.5 | 17.0 | 6.6 | 3.1 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 22928 | | 22505 | |
| | | | | | | | | | | | | | | | | | | | | 22505 | | 22505 | | |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

ORM

USAFETAC

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L. S. I.)

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PSYCHROMETRIC SUMMARY

40-71

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. Y.)

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PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

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JAN

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STATION NAME

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HOURS (L, S, T)

USAFETAC FORM JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA 41-72

JAN

PAGE 1 0300-0500

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|--------------|-----|-----------|------|-------|-------|---------|-------|------------------------------------|-------|-------------|-------|-------------|-------|-------------|-----------|-------------|----------|-------------|--|-------|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | O.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 56/ 57 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 56/ 55 | .0 | .2 | | .1 | .0 | | | | | | | | | | | | | 11 | 11 | 2 | 1 | | | | | | | | | | |
| 54/ 53 | | .4 | .3 | .3 | | .0 | | | | | | | | | | | | 30 | 30 | 9 | 4 | | | | | | | | | | |
| 52/ 51 | .1 | .9 | .5 | .1 | | | | | | | | | | | | | | 47 | 47 | 18 | 14 | | | | | | | | | | |
| 50/ 49 | .2 | 1.3 | .9 | .2 | .0 | | | | | | | | | | | | | 78 | 78 | 55 | 27 | | | | | | | | | | |
| 48/ 47 | .3 | 2.9 | 1.3 | .2 | .0 | | | | | | | | | | | | | 140 | 140 | 93 | 54 | | | | | | | | | | |
| 46/ 45 | .5 | 3.9 | .7 | .0 | | | | | | | | | | | | | | 152 | 152 | 139 | 91 | | | | | | | | | | |
| 44/ 43 | 1.3 | 4.4 | .9 | .1 | | | | | | | | | | | | | | 198 | 198 | 204 | 174 | | | | | | | | | | |
| 42/ 41 | 1.7 | 4.2 | 1.4 | .0 | | | | | | | | | | | | | | 223 | 223 | 198 | 220 | | | | | | | | | | |
| 40/ 39 | 2.1 | 6.0 | .8 | .0 | | | | | | | | | | | | | | 266 | 267 | 248 | 211 | | | | | | | | | | |
| 38/ 37 | 2.3 | 5.2 | .7 | .1 | | | | | | | | | | | | | | 247 | 247 | 283 | 231 | | | | | | | | | | |
| 36/ 35 | 2.3 | 6.3 | .3 | .0 | | | | | | | | | | | | | | 265 | 265 | 251 | 277 | | | | | | | | | | |
| 34/ 33 | 3.9 | 6.1 | .2 | | | | | | | | | | | | | | | 300 | 302 | 332 | 296 | | | | | | | | | | |
| 32/ 31 | 4.1 | 3.5 | .2 | | | | | | | | | | | | | | | 230 | 231 | 290 | 331 | | | | | | | | | | |
| 30/ 29 | 3.5 | 2.6 | .2 | | | | | | | | | | | | | | | 184 | 184 | 200 | 250 | | | | | | | | | | |
| 28/ 27 | 2.7 | 1.5 | .2 | | | | | | | | | | | | | | | 129 | 129 | 152 | 154 | | | | | | | | | | |
| 26/ 25 | 2.6 | 1.0 | .2 | .2 | | | | | | | | | | | | | | 117 | 117 | 111 | 135 | | | | | | | | | | |
| 24/ 23 | 1.7 | .7 | .0 | | | | | | | | | | | | | | | 71 | 71 | 80 | 117 | | | | | | | | | | |
| 22/ 21 | 1.3 | .7 | .1 | | | | | | | | | | | | | | | 59 | 59 | 64 | 68 | | | | | | | | | | |
| 20/ 19 | 1.1 | .4 | .2 | | | | | | | | | | | | | | | 52 | 56 | 57 | 40 | | | | | | | | | | |
| 18/ 17 | .6 | .2 | .1 | | | | | | | | | | | | | | | 26 | 26 | 31 | 56 | | | | | | | | | | |
| 16/ 15 | .5 | .5 | .1 | | | | | | | | | | | | | | | 32 | 32 | 26 | 26 | | | | | | | | | | |
| 14/ 13 | .5 | .3 | | | | | | | | | | | | | | | | 25 | 25 | 32 | 25 | | | | | | | | | | |
| 12/ 11 | .4 | .2 | | | | | | | | | | | | | | | | 16 | 16 | 24 | 35 | | | | | | | | | | |
| 10/ 9 | .3 | .2 | | | | | | | | | | | | | | | | 15 | 13 | 13 | 13 | | | | | | | | | | |
| 8/ 7 | .4 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 16 | 21 | | | | | | | | | | |
| 6/ 5 | .2 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 31 | | | | | | | | | | |
| 4/ 3 | .1 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 9 | | | | | | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 14 | | | | | | | | | | |
| 0/ -1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Element (X) | Σx | | Σx^2 | | \bar{x} | | s_x | | No. Obs | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\leq 67 F$ | | $\leq 73 F$ | | $\leq 80 F$ | | $\leq 93 F$ | | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN

PAGE 2 0300-0500
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

41-72

JAN

PAGE 1 0600-0800
HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|------------|-------|-------|-----------|---------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--------|--|-------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 60 / 59 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 58 / 57 | | .0 | .1 | | | .0 | | | | | | | | | | | | 7 | 7 | 2 | | | | |
| 56 / 55 | | .2 | .4 | .0 | .1 | .0 | | | | | | | | | | | | 22 | 22 | 1 | 3 | | | |
| 54 / 53 | | .4 | .5 | .2 | .0 | | .1 | | | | | | | | | | | 38 | 38 | 12 | 3 | | | |
| 52 / 51 | .0 | .7 | 1.0 | .1 | | | | | | | | | | | | | | 56 | 56 | 31 | 16 | | | |
| 50 / 49 | .2 | 1.9 | 2.1 | .3 | | | | | | | | | | | | | | 133 | 133 | 58 | 26 | | | |
| 48 / 47 | .1 | 3.1 | 1.8 | .4 | | .0 | | | | | | | | | | | | 162 | 162 | 116 | 63 | | | |
| 46 / 45 | .4 | 4.2 | 1.7 | .2 | .1 | | | | | | | | | | | | | 196 | 196 | 185 | 109 | | | |
| 44 / 43 | .9 | 4.7 | 2.3 | .3 | .1 | .0 | | | | | | | | | | | | 249 | 249 | 223 | 196 | | | |
| 42 / 41 | 1.1 | 6.0 | 2.1 | .3 | .1 | | | | | | | | | | | | | 281 | 281 | 236 | 210 | | | |
| 40 / 39 | 1.5 | 6.2 | 1.9 | .4 | .0 | | | | | | | | | | | | | 297 | 297 | 325 | 247 | | | |
| 38 / 37 | 1.7 | 6.0 | 1.3 | .3 | | | | | | | | | | | | | | 272 | 272 | 301 | 291 | | | |
| 36 / 35 | 2.2 | 6.7 | 1.7 | .3 | .0 | | | | | | | | | | | | | 322 | 322 | 304 | 311 | | | |
| 34 / 33 | 2.2 | 5.2 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 247 | 248 | 303 | 322 | | | |
| 32 / 31 | 2.8 | 3.3 | .6 | .0 | .0 | | | | | | | | | | | | | 199 | 199 | 289 | 300 | | | |
| 30 / 29 | 1.4 | 2.1 | .5 | .1 | .1 | | | | | | | | | | | | | 126 | 128 | 146 | 207 | | | |
| 28 / 27 | 1.4 | 1.3 | .2 | .1 | .0 | | | | | | | | | | | | | 91 | 91 | 112 | 143 | | | |
| 26 / 25 | 1.0 | .9 | .4 | .0 | | | | | | | | | | | | | | 70 | 70 | 81 | 132 | | | |
| 24 / 23 | .4 | .6 | .3 | .1 | | | | | | | | | | | | | | 41 | 41 | 45 | 74 | | | |
| 22 / 21 | .4 | .9 | .1 | | | | | | | | | | | | | | | 42 | 42 | 52 | 55 | | | |
| 20 / 19 | .4 | .6 | .2 | | | | | | | | | | | | | | | 34 | 34 | 44 | 35 | | | |
| 18 / 17 | .1 | .3 | .1 | | | | | | | | | | | | | | | 14 | 14 | 25 | 43 | | | |
| 16 / 15 | .5 | .3 | | | | | | | | | | | | | | | | 23 | 23 | 26 | 30 | | | |
| 14 / 13 | .1 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 13 | 31 | | | |
| 12 / 11 | .1 | .2 | | | | | | | | | | | | | | | | 9 | 9 | 11 | 31 | | | |
| 10 / 9 | .1 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 15 | | | |
| 8 / 7 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 20 | | | |
| 6 / 5 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 11 | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | 1 | 7 | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -8 / -9 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | ΣX^2 | | ΣX | | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | > 67 F | | > 73 F. | | > 80 F | | > 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41-72

YEARS

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

41-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 60/ 59 | | .1 | | | .1 | | .1 | | | | | | | | | | | 7 | 7 | | | | | | | | |
| 58/ 57 | | .1 | .3 | .2 | .3 | .2 | .1 | .0 | | | | | | | | | | 33 | 33 | 3 | | | | | | | |
| 56/ 55 | | .3 | .8 | .6 | .2 | .0 | .1 | .0 | | | | | | | | | | 57 | 57 | 2 | 5 | | | | | | |
| 54/ 53 | | .5 | 1.1 | .8 | .3 | .1 | .0 | | | | | | | | | | | 87 | 87 | 27 | 6 | | | | | | |
| 52/ 51 | | 1.1 | 2.3 | 1.1 | .3 | .1 | .1 | | | | | | | | | | | 147 | 147 | 46 | 19 | | | | | | |
| 50/ 49 | | 1.7 | 2.7 | 1.0 | .1 | .1 | | | | | | | | | | | | 167 | 167 | 112 | 34 | | | | | | |
| 48/ 47 | .2 | 3.2 | 3.3 | 1.6 | .6 | .1 | .1 | | | | | | | | | | | 272 | 272 | 188 | 91 | | | | | | |
| 46/ 45 | .4 | 4.7 | 3.9 | 1.5 | .3 | .2 | | | | | | | | | | | | 327 | 327 | 249 | 13 | | | | | | |
| 44/ 43 | .5 | 4.9 | 3.5 | 1.4 | .3 | .2 | | | | | | | | | | | | 318 | 318 | 311 | 23 | | | | | | |
| 42/ 41 | .7 | 5.1 | 3.6 | 1.2 | .4 | .1 | | | | | | | | | | | | 330 | 330 | 338 | 28 | | | | | | |
| 40/ 39 | .8 | 5.5 | 2.8 | .5 | .2 | | | | | | | | | | | | | 292 | 292 | 347 | 32 | | | | | | |
| 38/ 37 | .8 | 4.8 | 1.7 | 1.0 | .1 | | | | | | | | | | | | | 248 | 248 | 346 | 26 | | | | | | |
| 36/ 35 | 1.1 | 4.1 | 1.4 | .4 | .2 | | | | | | | | | | | | | 215 | 215 | 286 | 32 | | | | | | |
| 34/ 33 | 1.0 | 2.8 | .6 | .5 | .2 | | | | | | | | | | | | | 153 | 153 | 229 | 31 | | | | | | |
| 32/ 31 | 1.0 | 1.3 | .6 | .3 | .1 | | | | | | | | | | | | | 97 | 97 | 171 | 23 | | | | | | |
| 30/ 29 | .4 | .7 | .5 | .2 | | | | | | | | | | | | | | 57 | 57 | 69 | 17 | | | | | | |
| 28/ 27 | .3 | .5 | .6 | .2 | | | | | | | | | | | | | | 48 | 48 | 63 | 10 | | | | | | |
| 26/ 25 | .2 | .4 | .7 | .1 | | | | | | | | | | | | | | 43 | 43 | 58 | 7 | | | | | | |
| 24/ 23 | .1 | .3 | .3 | | | | | | | | | | | | | | | 21 | 21 | 35 | 6 | | | | | | |
| 22/ 21 | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | 22 | 22 | 39 | 6 | | | | | | |
| 20/ 19 | .1 | .2 | .0 | | | | | | | | | | | | | | | 11 | 11 | 20 | 2 | | | | | | |
| 18/ 17 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 13 | 4 | | | | | | |
| 16/ 15 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 2 | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 26 | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Element (X) | Σ x' | | | | Σ x | | | | x̄ | | | | s _x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

 JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 62/ 61 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 60/ 59 | | .1 | | | .1 | .1 | | | | | | | | | | | | 7 | 7 | | | | | |
| 58/ 57 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 4 | 1 | | | |
| 56/ 55 | | .2 | .5 | .6 | .1 | .1 | .0 | | | | | | | | | | | 47 | 47 | 2 | 5 | | | |
| 54/ 53 | | .5 | .9 | .8 | .1 | .1 | .0 | | | | | | | | | | | 75 | 75 | 15 | | | | |
| 52/ 51 | | 1.1 | 2.0 | 1.0 | .2 | .0 | .1 | | | | | | | | | | | 130 | 130 | 49 | 16 | | | |
| 50/ 49 | .1 | 2.6 | 2.7 | .8 | .2 | .0 | .0 | | | | | | | | | | | 192 | 192 | 109 | 47 | | | |
| 48/ 47 | .2 | 4.0 | 3.4 | 1.2 | .2 | .1 | | | | | | | | | | | | 270 | 270 | 190 | 87 | | | |
| 46/ 45 | .3 | 4.4 | 3.5 | 1.0 | .2 | .3 | | | | | | | | | | | | 292 | 292 | 246 | 168 | | | |
| 44/ 43 | .4 | 4.5 | 3.1 | 1.3 | .3 | .1 | | | | | | | | | | | | 288 | 288 | 295 | 223 | | | |
| 42/ 41 | .8 | 5.5 | 3.9 | 1.2 | .3 | .1 | | | | | | | | | | | | 349 | 349 | 318 | 256 | | | |
| 40/ 39 | 1.1 | 5.5 | 3.5 | .3 | .4 | | | | | | | | | | | | | 320 | 320 | 335 | 307 | | | |
| 38/ 37 | 1.5 | 5.0 | 1.8 | .7 | .2 | | | | | | | | | | | | | 270 | 270 | 368 | 293 | | | |
| 36/ 35 | 1.0 | 4.4 | 1.7 | .4 | .2 | .0 | | | | | | | | | | | | 231 | 231 | 307 | 312 | | | |
| 34/ 33 | 1.4 | 2.4 | .8 | .5 | .1 | | | | | | | | | | | | | 152 | 152 | 245 | 361 | | | |
| 32/ 31 | 1.1 | 1.1 | .3 | .1 | .1 | | | | | | | | | | | | | 81 | 81 | 159 | 232 | | | |
| 30/ 29 | .4 | .9 | .6 | .2 | .1 | | | | | | | | | | | | | 69 | 69 | 66 | 162 | | | |
| 28/ 27 | .3 | .5 | .7 | .1 | .0 | | | | | | | | | | | | | 49 | 49 | 58 | 92 | | | |
| 26/ 25 | .3 | .7 | .6 | .1 | | | | | | | | | | | | | | 54 | 54 | 64 | 78 | | | |
| 24/ 23 | .1 | .2 | .4 | .0 | | | | | | | | | | | | | | 22 | 23 | 43 | 56 | | | |
| 22/ 21 | .0 | .7 | .1 | .1 | | | | | | | | | | | | | | 27 | 27 | 41 | 41 | | | |
| 20/ 19 | .0 | .3 | .0 | | | | | | | | | | | | | | | 10 | 10 | 26 | 43 | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 52 | | | |
| 16/ 15 | .1 | .0 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 22 | | | |
| 14/ 13 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 29 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 24 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

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41-72

YEARS

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USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

JAN

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|-------------|-------|-------------|-------|-------------|-----------|-------------|----------|-------------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 60/ 59 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | | | |
| 58/ 57 | | .1 | .1 | | .0 | | | | | | | | | | | | | 6 | 6 | | | | |
| 56/ 55 | | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 19 | 19 | 5 | 1 | | |
| 54/ 53 | | .4 | .2 | .1 | | | | | | | | | | | | | | 22 | 22 | 10 | 5 | | |
| 52/ 51 | | 1.2 | 1.0 | .3 | | | | | | | | | | | | | | 72 | 72 | 29 | 15 | | |
| 50/ 49 | .1 | 2.2 | 1.6 | .3 | .0 | | | | | | | | | | | | | 125 | 125 | 58 | 46 | | |
| 48/ 47 | .2 | 3.8 | 1.6 | .2 | .0 | | | | | | | | | | | | | 173 | 173 | 128 | 53 | | |
| 46/ 45 | .8 | 5.0 | 1.7 | .1 | | | | | | | | | | | | | | 225 | 225 | 212 | 146 | | |
| 44/ 43 | 1.2 | 6.0 | 1.9 | .2 | | .0 | | | | | | | | | | | | 274 | 275 | 245 | 202 | | |
| 42/ 41 | 1.2 | 5.5 | 1.6 | .3 | .1 | .0 | | | | | | | | | | | | 257 | 257 | 268 | 267 | | |
| 40/ 39 | 1.6 | 6.6 | 2.0 | .3 | .1 | | | | | | | | | | | | | 310 | 310 | 290 | 247 | | |
| 38/ 37 | 2.3 | 7.5 | 1.2 | .3 | .0 | | | | | | | | | | | | | 332 | 332 | 317 | 300 | | |
| 36/ 35 | 1.8 | 5.6 | .7 | .1 | | | | | | | | | | | | | | 243 | 243 | 317 | 285 | | |
| 34/ 33 | 3.1 | 4.9 | .8 | .2 | .1 | | | | | | | | | | | | | 266 | 268 | 306 | 349 | | |
| 32/ 31 | 2.6 | 2.3 | .5 | .4 | .1 | | | | | | | | | | | | | 175 | 177 | 222 | 287 | | |
| 30/ 29 | 1.8 | 1.9 | .4 | .1 | .0 | | | | | | | | | | | | | 125 | 125 | 132 | 186 | | |
| 28/ 27 | 1.2 | 1.4 | .6 | .0 | .0 | | | | | | | | | | | | | 96 | 96 | 117 | 109 | | |
| 26/ 25 | .8 | .9 | .3 | .2 | | | | | | | | | | | | | | 65 | 65 | 78 | 91 | | |
| 24/ 23 | .6 | .8 | .1 | .1 | .0 | | | | | | | | | | | | | 50 | 50 | 70 | 70 | | |
| 22/ 21 | .2 | .7 | .3 | .0 | | | | | | | | | | | | | | 37 | 38 | 31 | 56 | | |
| 20/ 19 | .1 | .6 | .1 | | | | | | | | | | | | | | | 27 | 27 | 44 | 34 | | |
| 18/ 17 | .2 | .2 | .1 | | | | | | | | | | | | | | | 15 | 16 | 24 | 40 | | |
| 16/ 15 | .1 | .4 | .0 | | | | | | | | | | | | | | | 15 | 15 | 18 | 34 | | |
| 14/ 13 | .2 | .2 | | | | | | | | | | | | | | | | 11 | 11 | 17 | 33 | | |
| 12/ 11 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 25 | | |
| 10/ 9 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 20 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\leq 67 F$ | | $\leq 73 F$ | | $\leq 80 F$ | | $\leq 93 F$ | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41-72

YEARS

JAN
MONTM

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 58/ 57 | | .1 | .1 | .1 | | | | | | | | | | | | | | 7 | 7 | | | | | |
| 56/ 55 | | .1 | .2 | | | | | | | | | | | | | | | 11 | 11 | 3 | 3 | | | |
| 54/ 53 | | .4 | .2 | .2 | .1 | | | | | | | | | | | | | 27 | 27 | 10 | 1 | | | |
| 52/ 51 | .1 | 1.1 | .6 | .2 | .1 | | | | | | | | | | | | | 60 | 60 | 25 | 12 | | | |
| 50/ 49 | .2 | 2.2 | 1.2 | .2 | | | | | | | | | | | | | | 109 | 109 | 55 | 34 | | | |
| 48/ 47 | .2 | 3.2 | 1.0 | .1 | .0 | | | | | | | | | | | | | 136 | 136 | 111 | 69 | | | |
| 46/ 45 | .5 | 4.4 | 1.5 | .2 | | | | | | | | | | | | | | 196 | 196 | 172 | 122 | | | |
| 44/ 43 | 1.2 | 5.2 | .7 | .2 | | | | | | | | | | | | | | 216 | 216 | 215 | 169 | | | |
| 42/ 41 | 1.5 | 4.4 | 1.1 | .2 | | | | | | | | | | | | | | 212 | 212 | 226 | 226 | | | |
| 40/ 39 | 2.2 | 5.8 | 1.4 | .2 | .1 | | | | | | | | | | | | | 288 | 288 | 252 | 208 | | | |
| 38/ 37 | 2.0 | 6.6 | .6 | .2 | | | | | | | | | | | | | | 276 | 276 | 269 | 272 | | | |
| 36/ 35 | 3.1 | 7.1 | .3 | .1 | | | | | | | | | | | | | | 311 | 311 | 331 | 311 | | | |
| 34/ 33 | 3.2 | 5.3 | .2 | .0 | .1 | | | | | | | | | | | | | 259 | 259 | 333 | 321 | | | |
| 32/ 31 | 3.7 | 3.0 | .2 | .1 | | | | | | | | | | | | | | 206 | 206 | 257 | 332 | | | |
| 30/ 29 | 3.2 | 1.7 | .4 | .2 | | | | | | | | | | | | | | 160 | 160 | 153 | 215 | | | |
| 28/ 27 | 3.2 | 1.7 | .2 | .1 | .0 | | | | | | | | | | | | | 154 | 154 | 167 | 124 | | | |
| 26/ 25 | 1.3 | 1.2 | .3 | .0 | .1 | | | | | | | | | | | | | 84 | 84 | 91 | 124 | | | |
| 24/ 23 | .9 | .9 | .2 | .2 | | | | | | | | | | | | | | 65 | 65 | 68 | 88 | | | |
| 22/ 21 | 1.0 | .6 | .0 | .1 | | | | | | | | | | | | | | 49 | 50 | 59 | 62 | | | |
| 20/ 19 | .5 | .7 | .1 | | | | | | | | | | | | | | | 39 | 41 | 48 | 49 | | | |
| 18/ 17 | .3 | .5 | | | | | | | | | | | | | | | | 23 | 25 | 28 | 39 | | | |
| 16/ 15 | .2 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 24 | 32 | | | |
| 14/ 13 | .2 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 16 | 26 | | | |
| 12/ 11 | .2 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 12 | 28 | | | |
| 10/ 9 | .3 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 19 | | | |
| 8/ 7 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 17 | | | |
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 14 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41-72

YEARS

DATE _____
MONTH _____

PAGE 2 2100-2300

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|------|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 29 | 257 | 010 | 7 | 2 | 6 | .4 | | | | | | | | | | | | | 2944 | 2949 | 2944 | 2944 | |
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PSYCHROMETRIC SUMMARY

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MCH

PAGE 1 0000-0200
HOURS 11 5 1

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13 | 14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 60/ 59 | | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 58/ 57 | | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | |
| 56/ 55 | | .3 | .0 | .1 | .0 | .0 | .1 | | | | | | | | | | | | 17 | 17 | 3 | | | | | | | | | | | |
| 54/ 53 | | .6 | .3 | .1 | | | | | | | | | | | | | | | 26 | 26 | 6 | 4 | | | | | | | | | | |
| 52/ 51 | .1 | 1.2 | .4 | .1 | .0 | | | | | | | | | | | | | | 49 | 49 | 31 | 14 | | | | | | | | | | |
| 50/ 49 | .4 | 1.6 | 1.0 | .3 | .1 | | | | | | | | | | | | | | 93 | 93 | 65 | 31 | | | | | | | | | | |
| 48/ 47 | .4 | 2.8 | 1.0 | .1 | .1 | | | | | | | | | | | | | | 119 | 119 | 78 | 66 | | | | | | | | | | |
| 46/ 45 | .9 | 5.0 | 1.3 | .2 | .1 | .1 | | | | | | | | | | | | | 202 | 202 | 145 | 108 | | | | | | | | | | |
| 44/ 43 | 1.6 | 4.9 | 1.3 | .1 | .1 | .0 | | | | | | | | | | | | | 218 | 218 | 219 | 158 | | | | | | | | | | |
| 42/ 41 | 1.6 | 6.9 | 1.9 | .3 | .1 | | | | | | | | | | | | | | 292 | 293 | 218 | 177 | | | | | | | | | | |
| 40/ 39 | 1.9 | 7.1 | 2.4 | .3 | | | | | | | | | | | | | | | 316 | 318 | 317 | 246 | | | | | | | | | | |
| 38/ 37 | 2.5 | 7.4 | .9 | .1 | | | | | | | | | | | | | | | 292 | 292 | 319 | 296 | | | | | | | | | | |
| 36/ 35 | 1.9 | 6.5 | .6 | .0 | | | | | | | | | | | | | | | 242 | 242 | 301 | 277 | | | | | | | | | | |
| 34/ 33 | 1.9 | 4.6 | .3 | .2 | | | | | | | | | | | | | | | 189 | 190 | 248 | 314 | | | | | | | | | | |
| 32/ 31 | 3.8 | 4.8 | .1 | .1 | | | | | | | | | | | | | | | 230 | 239 | 264 | 312 | | | | | | | | | | |
| 30/ 29 | 3.2 | 4.2 | .1 | .1 | | | | | | | | | | | | | | | 206 | 258 | 215 | 235 | | | | | | | | | | |
| 28/ 27 | 1.2 | 1.7 | .1 | | | | | | | | | | | | | | | | 81 | 53 | 118 | 163 | | | | | | | | | | |
| 26/ 25 | .3 | .6 | .1 | | | | | | | | | | | | | | | | 27 | 28 | 51 | 108 | | | | | | | | | | |
| 24/ 23 | .2 | .4 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 23 | 47 | | | | | | | | | | |
| 22/ 21 | .1 | .3 | .0 | | | | | | | | | | | | | | | | 12 | 12 | 13 | 33 | | | | | | | | | | |
| 20/ 19 | .3 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 17 | 18 | | | | | | | | | | |
| 18/ 17 | .2 | .0 | | | | | | | | | | | | | | | | | 7 | 7 | 6 | 13 | | | | | | | | | | |
| 16/ 15 | .2 | .0 | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 21 | | | | | | | | | | |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | | | | | | | |
| 12/ 11 | .0 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | |
| 8/ 7 | .1 | | | | | | | | | | | | | | | | | | 4 | 4 | 0 | 2 | | | | | | | | | | |
| 6/ 5 | .2 | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 3 | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| TOTAL | 23.2 | 61.1 | 12.4 | 2.4 | .7 | .1 | .1 | | | | | | | | | | | | 2678 | 2686 | | 2678 | | | | | | | | | | |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207

STATION

MCCHORD AFB WASHINGTON/TACOMA

STATION NAME

41-72

YEARS

FEB

MONTH

PAGE 1

0300-0500
HOURS (L, S, T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|-------------|-------------------------------------|------|------------|-----|-----------|------------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-----|----------|----------|-----------|------|--|------|--|--|--|--|--|--------------------|-------|-----|------|------|------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 58/ 57 | | .0 | .0 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | |
| 56/ 55 | | .6 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 1 | 1 | |
| 54/ 53 | | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 17 | 3 | |
| 52/ 51 | .1 | .9 | .3 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | 20 | 11 | |
| 50/ 49 | .2 | 1.6 | .8 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 40 | 26 | |
| 48/ 47 | .4 | 2.6 | .8 | .1 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 109 | 109 | 79 | 62 | |
| 46/ 45 | .7 | 4.2 | 1.0 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 170 | 170 | 137 | 83 | |
| 44/ 43 | 1.2 | 4.7 | 1.5 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 209 | 209 | 170 | 146 | |
| 42/ 41 | 2.0 | 5.7 | 1.4 | .1 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 250 | 250 | 244 | 182 | |
| 40/ 39 | 2.3 | 7.3 | 1.9 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 316 | 318 | 270 | 237 | |
| 38/ 37 | 2.0 | 7.3 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 273 | 273 | 315 | 268 | |
| 36/ 35 | 2.8 | 6.6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 258 | 258 | 298 | 267 | |
| 34/ 33 | 2.3 | 5.6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 222 | 222 | 281 | 333 | |
| 32/ 31 | 3.2 | 4.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 205 | 206 | 225 | 311 | |
| 30/ 29 | 3.8 | 3.9 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 217 | 218 | 231 | 196 | |
| 28/ 27 | 3.3 | 1.7 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 135 | 135 | 172 | 189 | |
| 26/ 25 | 1.2 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 68 | 147 | |
| 24/ 23 | .3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 41 | 77 | |
| 22/ 21 | .2 | .4 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 15 | 31 | |
| 20/ 19 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 21 | 22 | |
| 18/ 17 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 13 | 14 | 24 | |
| 16/ 15 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 12 | |
| 14/ 13 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 16 | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | |
| 10/ 9 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | |
| 8/ 7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | |
| 6/ 5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 1 | |
| 4/ 3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| TOTAL | 27.2 | 60.0 | 9.8 | 2.3 | .4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 2684 | 2689 | 2684 | 2684 |
| | | | | | | | | | | | | | | | | | | | | | 2684 | | 2684 | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 21354004 | | 238006 | | 88.7 | 9.626 | 2684 | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 3885375 | | 100221 | | 37.3 | 7.477 | 2689 | | | 22.4 | | | | | 84 | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 3608114 | | 96566 | | 36.0 | 7.062 | 2684 | | | 5.4 | | | | | 84 | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 3276599 | | 91537 | | 34.1 | 7.595 | 2684 | | .2 | 33.2 | | | | | 84 | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|--------|-----|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 58/ 57 | | .0 | | | | .0 | .0 | | | | | | | | | | | 3 | 3 | | |
| 56/ 55 | | .4 | .1 | .1 | | | | | | | | | | | | | | 17 | 17 | 2 | |
| 54/ 53 | | .4 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 19 | 19 | 13 | 4 |
| 52/ 51 | .1 | .8 | .3 | .3 | | | | | | | | | | | | | | 37 | 37 | 24 | 17 |
| 50/ 49 | .1 | 1.6 | .7 | .1 | .0 | | | | | | | | | | | | | 71 | 71 | 34 | 31 |
| 48/ 47 | .2 | 2.3 | .6 | .3 | .0 | | | | | | | | | | | | | 90 | 90 | 63 | 49 |
| 46/ 45 | .9 | 4.0 | 1.2 | .2 | .0 | .0 | | | | | | | | | | | | 170 | 170 | 131 | 61 |
| 44/ 43 | 1.3 | 5.0 | 1.6 | .1 | | | | | | | | | | | | | | 217 | 217 | 189 | 148 |
| 42/ 41 | 1.4 | 5.7 | 1.9 | .2 | | | .1 | | | | | | | | | | | 249 | 249 | 217 | 177 |
| 40/ 39 | 2.0 | 7.8 | 1.5 | .3 | | | | | | | | | | | | | | 309 | 309 | 271 | 226 |
| 38/ 37 | 1.7 | 7.3 | .6 | .3 | | | | | | | | | | | | | | 265 | 265 | 304 | 264 |
| 36/ 35 | 3.3 | 5.9 | .6 | | | | | | | | | | | | | | | 263 | 264 | 314 | 312 |
| 34/ 33 | 2.8 | 5.5 | .4 | | | | | | | | | | | | | | | 233 | 236 | 268 | 304 |
| 32/ 31 | 3.2 | 5.0 | .2 | .1 | | | | | | | | | | | | | | 228 | 228 | 251 | 299 |
| 30/ 29 | 3.9 | 3.2 | .1 | .0 | | | | | | | | | | | | | | 193 | 195 | 234 | 245 |
| 28/ 27 | 2.3 | 2.1 | .1 | | | | | | | | | | | | | | | 120 | 121 | 142 | 144 |
| 26/ 25 | 2.1 | 1.2 | .1 | | | | | | | | | | | | | | | 90 | 90 | 100 | 169 |
| 24/ 23 | .4 | .6 | .0 | | | | | | | | | | | | | | | 28 | 28 | 34 | 83 |
| 22/ 21 | .4 | .4 | | | | | | | | | | | | | | | | 21 | 21 | 23 | 35 |
| 20/ 19 | .4 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 21 | 24 |
| 18/ 17 | .2 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 11 | 19 |
| 16/ 15 | .3 | .0 | | | | | | | | | | | | | | | | 8 | 8 | 16 | 19 |
| 14/ 13 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 15 |
| 12/ 11 | .2 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 8 |
| 10/ 9 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 |
| 8/ 7 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 |
| 6/ 5 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| 4/ 3 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| 2/ 1 | .1 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 2 |
| 0/ -1 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 27.6 | 60.0 | 9.8 | 2.1 | .1 | .2 | .0 | | | | | | | | | | | 2681 | 2688 | 2681 | 2681 |
| Element (X) | Σ x ² | | Σ x | | Σ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total |
| Rel. Hum. | 21370592 | | 238078 | | 88.8 | | 9.240 | | 2681 | | < 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | 84 |
| Dry Bulb | 3825882 | | 99330 | | 37.0 | | 7.603 | | 2688 | | .0 | 23.2 | | | | | | | | | 84 |
| Wet Bulb | 3552282 | | 95692 | | 35.7 | | 7.170 | | 2681 | | .1 | 26.7 | | | | | | | | | 84 |
| Dew Point | 3227875 | | 90749 | | 33.8 | | 7.632 | | 2681 | | .2 | 34.1 | | | | | | | | | 84 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

41-72

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | (| 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 66/ 65 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | | | | | |
| 64/ 63 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | | | | | |
| 62/ 61 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | | | | | |
| 60/ 59 | | | | .1 | .0 | .0 | | | | | | | | | | | | 4 | 4 | | | | | | |
| 58/ 57 | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 13 | 13 | | | | | | |
| 56/ 55 | | .4 | .5 | | .2 | .1 | .0 | | | | | | | | | | | 34 | 34 | 4 | 1 | | | | |
| 54/ 53 | | .7 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | | | 53 | 53 | 20 | 6 | | | | |
| 52/ 51 | .0 | 1.2 | 1.1 | 1.0 | .4 | .0 | .0 | | | | | | | | | | | 104 | 104 | 45 | 19 | | | | |
| 50/ 49 | .1 | 2.0 | 1.7 | 1.2 | .1 | .0 | | | | | | | | | | | | 138 | 138 | 71 | 45 | | | | |
| 48/ 47 | .3 | 3.6 | 2.6 | 1.6 | .4 | .2 | .1 | | | | | | | | | | | 235 | 235 | 114 | 67 | | | | |
| 46/ 45 | .5 | 5.4 | 3.9 | 1.3 | .5 | .1 | .0 | | | | | | | | | | | 315 | 315 | 223 | 101 | | | | |
| 44/ 43 | .8 | 5.2 | 4.8 | 1.3 | .2 | .0 | | | | | | | | | | | | 335 | 335 | 282 | 177 | | | | |
| 42/ 41 | .8 | 6.2 | 5.1 | 1.2 | .2 | | | | | | | | | | | | | 362 | 362 | 348 | 245 | | | | |
| 40/ 39 | 1.7 | 5.9 | 3.3 | .7 | .0 | | | | | | | | | | | | | 315 | 315 | 408 | 297 | | | | |
| 38/ 37 | 1.3 | 5.8 | 2.0 | .3 | | .0 | | | | | | | | | | | | 254 | 254 | 380 | 342 | | | | |
| 36/ 35 | 1.3 | 3.8 | 1.5 | .2 | .1 | | | | | | | | | | | | | 190 | 192 | 280 | 373 | | | | |
| 34/ 33 | 1.2 | 3.3 | .4 | .1 | .1 | | | | | | | | | | | | | 138 | 139 | 194 | 336 | | | | |
| 32/ 31 | 1.2 | 2.0 | .2 | .2 | | | | | | | | | | | | | | 96 | 96 | 153 | 213 | | | | |
| 30/ 29 | .7 | .8 | .3 | .1 | | | | | | | | | | | | | | 51 | 51 | 74 | 166 | | | | |
| 28/ 27 | .3 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 39 | 97 | | | | |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 19 | 79 | | | | |
| 24/ 23 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 7 | 33 | | | | |
| 22/ 21 | .1 | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 7 | 17 | | | | |
| 20/ 19 | .0 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 2 | 14 | | | | |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 3 | 4 | 9 | | | | |
| 16/ 15 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 9 | | | | |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 11 | | | | |
| 10/ 9 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 7 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 7 | | | | |
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 2 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS _____ FEB _____
MONTH _____
PAGE 2 0900-1100
HOURS (L S T.)

[illegible]

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHERD AFB WASHINGTON/TACOMA

41-72

FEB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 68/ 67 | | | | | | | .0 | .1 | | | | | | | | | | 3 | 3 | | | | | |
| 66/ 65 | | | | | | .0 | .1 | .0 | .0 | .1 | | | | | | | | 7 | 7 | | | | | |
| 64/ 63 | | | | | .0 | .1 | .1 | .0 | | | | | | | | | | 9 | 9 | | | | | |
| 62/ 61 | | | | | .2 | .2 | .1 | .0 | .1 | | | | | | | | | 19 | 19 | | | | | |
| 60/ 59 | | .0 | .1 | .3 | .3 | .4 | .3 | .1 | .1 | | | | | | | | | 44 | 44 | | | | | |
| 58/ 57 | | .3 | .3 | .8 | .3 | .6 | .2 | .1 | | | | | | | | | | 71 | 71 | | | | | |
| 56/ 55 | | .6 | .5 | 1.2 | 1.0 | .6 | .3 | | | | | | | | | | | 112 | 112 | 20 | | | | |
| 54/ 53 | .0 | .6 | 1.5 | 1.2 | 1.4 | .4 | .2 | .2 | | | | | | | | | | 149 | 149 | 45 | | | | |
| 52/ 51 | .0 | 1.0 | 2.5 | 2.9 | 1.6 | .8 | .3 | .1 | | | | | | | | | | 245 | 245 | 99 | | | | |
| 50/ 49 | .1 | 2.0 | 3.7 | 4.1 | 1.8 | .9 | .3 | .0 | | | | | | | | | | 345 | 345 | 128 | | | | |
| 48/ 47 | .2 | 2.8 | 3.4 | 4.8 | 1.7 | .3 | .1 | .0 | | | | | | | | | | 372 | 372 | 254 | | | | |
| 46/ 45 | .3 | 3.6 | 5.0 | 4.1 | .7 | .3 | | | | | | | | | | | | 376 | 376 | 340 | | | | |
| 44/ 43 | .4 | 3.3 | 4.2 | 2.5 | 1.0 | .1 | | | | | | | | | | | | 307 | 307 | 376 | | | | |
| 42/ 41 | .5 | 3.8 | 3.0 | 1.6 | .5 | .1 | | | | | | | | | | | | 252 | 252 | 459 | | | | |
| 40/ 39 | .4 | 2.9 | 1.4 | .7 | .3 | .1 | | | | | | | | | | | | 159 | 159 | 407 | | | | |
| 38/ 37 | .2 | 1.4 | .4 | .6 | .2 | .1 | | | | | | | | | | | | 78 | 78 | 237 | | | | |
| 36/ 35 | .3 | 1.3 | .5 | .1 | .2 | .1 | | | | | | | | | | | | 65 | 65 | 140 | | | | |
| 34/ 33 | .3 | .4 | .4 | .1 | .0 | | | | | | | | | | | | | 33 | 33 | 70 | | | | |
| 32/ 31 | .1 | .4 | .2 | | | | | | | | | | | | | | | 18 | 18 | 47 | | | | |
| 30/ 29 | .0 | .2 | .1 | | | | | | | | | | | | | | | 9 | 9 | 29 | | | | |
| 28/ 27 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 18 | | | | |
| 26/ 25 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 4 | | | | |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | | | | |
| 22/ 21 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 | | | | |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41-72

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 0/ -1 | ✓ | | | | | | | | | | | | | | | | | -1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 2.9 | 24.9 | 27.8 | 24.9 | 11.4 | 5.1 | 2.0 | .9 | .2 | .1 | | | | | | | | 2686 | 2686 | 2686 | 2686 | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

ORM

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207
STATIONMCCHURD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSFEB
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-------|------------|-------|-----------|-----|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|---------|------|----------|----------|--------------------|-----------|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 | 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 72/ 71 | | | | | | | | | | .1 | | | | | | | | | | 2 | 2 | | | |
| 70/ 69 | | | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | | |
| 68/ 67 | | | | | | | | .1 | .1 | .0 | | | | | | | | | | 7 | 7 | | | |
| 66/ 65 | | | | | .0 | .0 | | .1 | .0 | | .0 | | | | | | | | | 6 | 6 | | | |
| 64/ 63 | | | | | .1 | .1 | .1 | .1 | .2 | | | | | | | | | | | 15 | 15 | | | |
| 62/ 61 | | | | .0 | .1 | .3 | .1 | .1 | .1 | | | | | | | | | | | 18 | 18 | | | |
| 60/ 59 | | | | .3 | .3 | .3 | .6 | .1 | .0 | | | | | | | | | | | 47 | 47 | | | |
| 58/ 57 | | .2 | .4 | .7 | .4 | .5 | .2 | .0 | | | | | | | | | | | | 67 | 67 | 3 | | |
| 56/ 55 | | .5 | .5 | 1.0 | .7 | .9 | .3 | .0 | .0 | | | | | | | | | | | 106 | 106 | 16 | | |
| 54/ 53 | .1 | .5 | 1.3 | 2.1 | 1.1 | .5 | .4 | .1 | | | | | | | | | | | | 166 | 166 | 56 15 | | |
| 52/ 51 | .0 | 1.6 | 2.6 | 2.3 | 1.4 | 1.0 | .6 | .1 | | | | | | | | | | | | 260 | 260 | 80 25 | | |
| 50/ 49 | .2 | 1.4 | 3.2 | 2.8 | 2.1 | 1.0 | .3 | .0 | | | | | | | | | | | | 295 | 295 | 152 67 | | |
| 48/ 47 | .2 | 3.7 | 3.7 | 3.4 | 1.8 | .5 | .0 | | | | | | | | | | | | | 358 | 358 | 256 75 | | |
| 46/ 45 | .5 | 4.1 | 4.7 | 4.5 | 1.2 | .3 | | | | | | | | | | | | | | 410 | 410 | 349 174 | | |
| 44/ 43 | .5 | 3.7 | 3.7 | 2.1 | .8 | .1 | | | | | | | | | | | | | | 291 | 291 | 366 238 | | |
| 42/ 41 | .4 | 3.9 | 2.3 | 1.1 | .5 | .1 | | | | | | | | | | | | | | 223 | 223 | 422 281 | | |
| 40/ 39 | .4 | 3.0 | 1.9 | .6 | .3 | .0 | | | | | | | | | | | | | | 168 | 168 | 417 289 | | |
| 38/ 37 | .3 | 2.0 | .9 | .4 | .3 | .1 | | | | | | | | | | | | | | 107 | 107 | 233 307 | | |
| 36/ 35 | .3 | .9 | .3 | .3 | .1 | .1 | | | | | | | | | | | | | | 54 | 54 | 150 333 | | |
| 34/ 33 | .2 | 1.0 | .3 | .1 | | | | | | | | | | | | | | | | 41 | 41 | 62 231 | | |
| 32/ 31 | .2 | .4 | .2 | | | | | | | | | | | | | | | | | 22 | 22 | 63 229 | | |
| 30/ 29 | .0 | .1 | .1 | | | | | | | | | | | | | | | | | 7 | 7 | 30 131 | | |
| 28/ 27 | | .1 | .0 | | | | | | | | | | | | | | | | | 3 | 4 | 16 72 | | |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 64 | | |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | | | 1 | 1 | 4 44 | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | | | 2 | 2 | | 25 | |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 1 21 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 2 23 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 | | 12 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3,427.3 | 27.3 | 26.2 | 21.9 | 11.2 | 5.9 | 2.8 | .9 | .4 | .0 | | | | | | | | 2682 | 2682 | 2682 | 2682 | |
| | | | | | | | | | | | | | | | | | | | | | | |
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

41-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|------------|-----|------|-----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 66/ 65 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | | | | | |
| 62/ 61 | | | | | .0 | .1 | .1 | | | | | | | | | | | 5 | 5 | | | | | | |
| 60/ 59 | | | | .1 | .0 | .1 | | | .0 | | | | | | | | | 7 | 7 | | | | | | |
| 58/ 57 | | | .1 | .1 | .1 | | .0 | .0 | | | | | | | | | | 10 | 10 | | | | | | |
| 56/ 55 | | .3 | .3 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | 25 | 25 | 1 | | | | | |
| 54/ 53 | .0 | .9 | .5 | .4 | .2 | | | .0 | | | | | | | | | | 58 | 58 | 20 | 3 | | | | |
| 52/ 51 | .1 | 1.7 | 1.4 | .5 | .1 | .1 | | | | | | | | | | | | 105 | 105 | 51 | 30 | | | | |
| 50/ 49 | .5 | 2.4 | 2.0 | .0 | .3 | .1 | .1 | | | | | | | | | | | 163 | 163 | 92 | 49 | | | | |
| 48/ 47 | .6 | 4.1 | 2.9 | 1.1 | .6 | .1 | .1 | | .0 | | | | | | | | | 256 | 256 | 130 | 73 | | | | |
| 46/ 45 | .6 | 5.8 | 4.1 | 1.7 | .3 | .1 | .0 | | | | | | | | | | | 341 | 341 | 250 | 142 | | | | |
| 44/ 43 | .8 | 6.3 | 5.0 | 1.8 | .4 | .1 | | | | | | | | | | | | 389 | 389 | 294 | 214 | | | | |
| 42/ 41 | .9 | 5.9 | 4.4 | 1.2 | .2 | .1 | | | | | | | | | | | | 339 | 339 | 343 | 263 | | | | |
| 40/ 39 | 1.3 | 6.5 | 3.9 | .5 | .2 | .1 | | | | | | | | | | | | 335 | 335 | 432 | 291 | | | | |
| 38/ 37 | 1.1 | 5.1 | 2.1 | .7 | .1 | .0 | | | | | | | | | | | | 247 | 247 | 369 | 312 | | | | |
| 36/ 35 | 1.2 | 4.2 | 1.2 | .4 | .1 | | | | | | | | | | | | | 192 | 193 | 282 | 356 | | | | |
| 34/ 33 | 1.1 | 1.8 | .4 | .2 | .2 | | | | | | | | | | | | | 99 | 99 | 205 | 313 | | | | |
| 32/ 31 | .6 | 1.2 | .2 | .1 | | | | | | | | | | | | | | 56 | 56 | 103 | 233 | | | | |
| 30/ 29 | .2 | .6 | .3 | | | | | | | | | | | | | | | 29 | 29 | 45 | 139 | | | | |
| 28/ 27 | .2 | .1 | .1 | | | | | | | | | | | | | | | 12 | 12 | 40 | 88 | | | | |
| 26/ 25 | .2 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 19 | 51 | | | | |
| 24/ 23 | .0 | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 3 | 34 | | | | |
| 22/ 21 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 25 | | | | |
| 20/ 19 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 24 | | | | |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 1 | 17 | | | | |
| 16/ 15 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 | | | | |
| 14/ 13 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 7 | | | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 8 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -1/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC JUL 64

PSYCHROMETRIC SUMMARY

41-72

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACDMA

41-72

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|--------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 60/ 59 | | | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | | | | | |
| 58/ 57 | | | .1 | .0 | .1 | .0 | | | | | | | | | | | | 8 | 8 | | | | | |
| 56/ 55 | .0 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 17 | 17 | 2 | 2 | | | |
| 54/ 53 | .0 | .7 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 33 | 33 | 14 | 2 | | | |
| 52/ 51 | .1 | 1.4 | .6 | .1 | .0 | .0 | .0 | | | | | | | | | | | 63 | 63 | 33 | 24 | | | |
| 50/ 49 | .6 | 2.0 | .9 | .2 | .1 | .0 | .0 | | | | | | | | | | | 103 | 103 | 80 | 45 | | | |
| 48/ 47 | .5 | 3.1 | 1.6 | .3 | | .0 | | | | | | | | | | | | 147 | 147 | 102 | 70 | | | |
| 46/ 45 | .9 | 5.4 | 1.5 | .2 | .1 | | | | | | | | | | | | | 219 | 219 | 167 | 117 | | | |
| 44/ 43 | 1.1 | 5.4 | 2.8 | .5 | .1 | | | | | | | | | | | | | 265 | 265 | 226 | 183 | | | |
| 42/ 41 | 1.7 | 6.6 | 2.8 | .6 | .2 | .0 | | | | | | | | | | | | 321 | 323 | 232 | 196 | | | |
| 40/ 39 | 1.8 | 7.8 | 2.2 | .4 | .1 | | | | | | | | | | | | | 334 | 334 | 357 | 251 | | | |
| 38/ 37 | 2.0 | 8.1 | 1.6 | .2 | .1 | | | | | | | | | | | | | 321 | 321 | 353 | 290 | | | |
| 36/ 35 | 1.9 | 6.4 | 1.3 | .3 | | | | | | | | | | | | | | 265 | 267 | 322 | 347 | | | |
| 34/ 33 | 2.5 | 5.7 | .4 | .3 | | | | | | | | | | | | | | 239 | 240 | 306 | 336 | | | |
| 32/ 31 | 1.8 | 3.7 | .4 | .1 | | | | | | | | | | | | | | 163 | 163 | 217 | 285 | | | |
| 30/ 29 | 1.0 | 2.2 | .4 | .1 | | | | | | | | | | | | | | 101 | 102 | 125 | 217 | | | |
| 28/ 27 | .3 | .5 | .3 | | | | | | | | | | | | | | | 29 | 29 | 69 | 109 | | | |
| 26/ 25 | .4 | .4 | .1 | | | | | | | | | | | | | | | 24 | 24 | 36 | 67 | | | |
| 24/ 23 | .4 | .1 | .1 | | | | | | | | | | | | | | | 15 | 15 | 25 | 35 | | | |
| 22/ 21 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 42 | | | |
| 20/ 19 | .2 | | | | | | | | | | | | | | | | | 5 | 5 | 8 | 15 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 16/ 15 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 15 | | | |
| 12/ 11 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 3 | | | |
| 10/ 9 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | |
| 8/ 7 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| TOTAL | 17.6 | 59.7 | 17.4 | 4.0 | 1.0 | .2 | .1 | | | | | | | | | | | 2688 | 2694 | | 2688 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| Element (X) | Σx ² | | Σx | | x̄ | | σ _x | | Ho. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 20263802 | | 231500 | | 86.1 | | 11.018 | | 2688 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | 4331702 | | 106580 | | 39.6 | | 6.540 | | 2694 | | | 10.7 | | | | | | | 84 | | | | | |
| Wet Bulb | 3955179 | | 101733 | | 37.8 | | 6.248 | | 2688 | | | | | | | | | | 84 | | | | | |
| Dew Point | 3535488 | | 92610 | | 35.6 | | 7.081 | | 2688 | | | 25.8 | | | | | | | 84 | | | | | |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41-72

MAR

PAGE 1 0000-0200
HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHURD AFB WASHINGTON/TACOMA
STATION STATION NAME

41-72

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|----|----|-------|-------|-------|-----|----------|----------|-----------|------|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23 | 24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 56/ 55 | | .1 | .2 | | | .0 | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | |
| 54/ 53 | | .4 | .2 | .1 | .1 | .0 | | | | | | | | | | | | | 24 | 24 | 5 | | | | | | | | | | | |
| 52/ 51 | | .6 | .6 | .2 | .1 | | | | | | | | | | | | | | 46 | 46 | 21 | 10 | | | | | | | | | | |
| 50/ 49 | | .9 | .7 | .3 | .0 | | | | | | | | | | | | | | 59 | 58 | 25 | 14 | | | | | | | | | | |
| 48/ 47 | .2 | 2.3 | .9 | .4 | .1 | | | | | | | | | | | | | | 118 | 118 | 69 | 42 | | | | | | | | | | |
| 46/ 45 | .6 | 3.7 | 1.7 | .4 | | | | | | | | | | | | | | | 188 | 188 | 136 | 74 | | | | | | | | | | |
| 44/ 43 | 1.4 | 5.5 | 2.8 | .3 | .1 | | | | | | | | | | | | | | 296 | 296 | 211 | 158 | | | | | | | | | | |
| 42/ 41 | 2.0 | 7.4 | 2.7 | .4 | .1 | | | | | | | | | | | | | | 374 | 374 | 303 | 218 | | | | | | | | | | |
| 40/ 39 | 1.8 | 8.4 | 2.4 | .2 | .0 | | | | | | | | | | | | | | 378 | 378 | 395 | 281 | | | | | | | | | | |
| 38/ 37 | 1.9 | 6.9 | 1.1 | .2 | .0 | | | | | | | | | | | | | | 299 | 299 | 368 | 357 | | | | | | | | | | |
| 36/ 35 | 1.9 | 6.1 | 1.0 | .1 | | | | | | | | | | | | | | | 270 | 270 | 326 | 343 | | | | | | | | | | |
| 34/ 33 | 1.9 | 5.9 | .4 | .1 | | | | | | | | | | | | | | | 246 | 246 | 312 | 345 | | | | | | | | | | |
| 32/ 31 | 2.2 | 5.1 | .3 | .0 | | | | | | | | | | | | | | | 227 | 227 | 249 | 320 | | | | | | | | | | |
| 30/ 29 | 2.7 | 3.8 | .3 | .1 | | | | | | | | | | | | | | | 207 | 207 | 237 | 277 | | | | | | | | | | |
| 28/ 27 | 1.8 | 2.0 | .1 | | | | | | | | | | | | | | | | 115 | 115 | 151 | 178 | | | | | | | | | | |
| 26/ 25 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | | | | 68 | 68 | 90 | 134 | | | | | | | | | | |
| 24/ 23 | .3 | .3 | | | | | | | | | | | | | | | | | 18 | 18 | 41 | 90 | | | | | | | | | | |
| 22/ 21 | .0 | .2 | | | | | | | | | | | | | | | | | 8 | 8 | 6 | 57 | | | | | | | | | | |
| 20/ 19 | .1 | .2 | | | | | | | | | | | | | | | | | 8 | 8 | 9 | 24 | | | | | | | | | | |
| 18/ 17 | .0 | | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 13 | | | | | | | | | | |
| 16/ 15 | .0 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | | | | | | | |
| 14/ 13 | .1 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 2 | 9 | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 | 6 | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | 20.0 | 61.0 | 15.5 | 2.9 | .6 | .1 | | | | | | | | | | | | | 2962 | 2962 | 2963 | 2963 | | | | | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACDMA 41-72

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERA ^W (E DE ^S SION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|---|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 66/ 65 | | | | | | .0 | | | .0 | | | | | | | | | 2 | 2 | | |
| 64/ 63 | | | | .0 | .0 | .0 | .1 | .0 | | | | | | | | | | 7 | 7 | | |
| 62/ 61 | | | .0 | .0 | .2 | .1 | .1 | | .1 | | | | | | | | | 14 | 14 | | |
| 60/ 59 | | | .1 | .3 | .2 | .1 | .1 | | | | | | | | | | | 23 | 23 | 1 | |
| 58/ 57 | | .1 | .1 | .3 | .4 | .2 | .1 | | .0 | | | | | | | | | 36 | 36 | 1 | 1 |
| 56/ 55 | | .1 | .2 | .8 | .6 | .5 | .3 | .0 | | | | | | | | | | 85 | 85 | 7 | |
| 54/ 53 | | .5 | 1.0 | 1.4 | .7 | .6 | .2 | | .0 | | | | | | | | | 129 | 129 | 31 | 4 |
| 52/ 51 | | .8 | 1.3 | 1.7 | 1.0 | .4 | .2 | .0 | | | | | | | | | | 160 | 160 | 54 | 17 |
| 50/ 49 | .0 | 1.6 | 2.1 | 3.3 | 2.0 | .5 | .0 | | | | | | | | | | | 284 | 284 | 112 | 32 |
| 48/ 47 | .2 | 2.5 | 3.9 | 3.7 | 1.7 | .2 | .1 | | | | | | | | | | | 362 | 362 | 183 | 72 |
| 46/ 45 | .6 | 4.5 | 6.0 | 3.8 | .9 | .2 | .0 | | | | | | | | | | | 475 | 475 | 284 | 157 |
| 44/ 43 | .6 | 4.9 | 6.1 | 3.8 | .6 | .2 | | | | | | | | | | | | 480 | 480 | 447 | 184 |
| 42/ 41 | .6 | 4.8 | 4.7 | 1.4 | .4 | .1 | .1 | | | | | | | | | | | 360 | 360 | 541 | 278 |
| 40/ 39 | .7 | 3.3 | 2.7 | .4 | .2 | .1 | | | | | | | | | | | | 225 | 225 | 524 | 339 |
| 38/ 37 | .2 | 2.3 | 1.1 | .3 | .2 | .0 | | | | | | | | | | | | 124 | 124 | 327 | 418 |
| 36/ 35 | .3 | 1.9 | 1.1 | .2 | .0 | | | | | | | | | | | | | 105 | 105 | 206 | 399 |
| 34/ 33 | .3 | .9 | .3 | .1 | .0 | | | | | | | | | | | | | 49 | 49 | 114 | 335 |
| 32/ 31 | .2 | .3 | .2 | .1 | | | | | | | | | | | | | | 21 | 21 | 77 | 296 |
| 30/ 29 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 13 | 13 | 28 | 174 |
| 28/ 27 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 11 | 83 |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 55 |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 31 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 12 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.0 | 28.9 | 31.4 | 21.6 | 9.3 | 3.4 | 1.3 | .1 | .2 | | | | | | | | | 2961 | 2961 | 2961 | |
| | | | | | | | | | | | | | | | | | | 2961 | | 2961 | |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | |
| Rel. Hum. | 16358253 | 215583 | 72.8 | 14.909 | 2960 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | 93 | | | | | | | | | |
| Dry Bulb | 6123381 | 133601 | 45.1 | 5.673 | 2961 | | 1.3 | | | | | 93 | | | | | | | | | |
| Wet Bulb | 5098414 | 122014 | 41.2 | 4.882 | 2961 | | 4.1 | | | | | 93 | | | | | | | | | |
| Dew Point | 4039391 | 107703 | 36.4 | 6.415 | 2961 | | 22.8 | | | | | 93 | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FC

PSYCHROMETRIC SUMMARY

41-72

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

41-72

YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

22

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72
STATION STATION NAME

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.6 | 17.1 | 18.9 | 20.0 | 18.2 | 11.6 | 6.8 | 3.4 | 1.4 | .9 | .1 | | | | | | | | 2957 | | 2957 | |
| | | | | | | | | | | | | | | | | | | | 2957 | | 2957 | |
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USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|--------|----|------------------------------------|--------|--------|--------|--------|--------|-------|-------|----------|----------|--------------------|-----------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 72/ 71 | | | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | | |
| 70/ 69 | | | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | | |
| 68/ 67 | | | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | | |
| 66/ 65 | | | | | | | | .2 | | | .0 | .0 | | | | | | | | 7 | 7 | | | |
| 64/ 63 | | | | | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | | | |
| 62/ 61 | | .0 | .0 | .1 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | | | 13 | 18 | | | |
| 60/ 59 | | | .1 | .2 | .1 | .4 | .1 | .1 | .1 | | | | | | | | | | | 32 | 32 | 1 | | |
| 58/ 57 | | .1 | .2 | .3 | .5 | .1 | .2 | .2 | | | | | | | | | | | | 49 | 49 | 1 | 1 | |
| 56/ 55 | | .4 | .5 | .5 | .5 | .3 | .2 | .2 | .0 | | | | | | | | | | | 81 | 81 | 18 | | |
| 54/ 53 | | .5 | .8 | .7 | .9 | .5 | .3 | | | | | | | | | | | | | 110 | 110 | 42 | 11 | |
| 52/ 51 | .2 | 1.3 | 1.9 | 1.4 | 1.2 | .8 | .3 | | | | | | | | | | | | | 208 | 209 | 67 | 25 | |
| 50/ 49 | .1 | 2.0 | 2.7 | 2.8 | 1.5 | .7 | .1 | | | | | | | | | | | | | 290 | 290 | 123 | 51 | |
| 48/ 47 | .1 | 3.5 | 3.2 | 3.0 | 1.5 | .3 | .1 | .0 | | | | | | | | | | | | 351 | 351 | 176 | 78 | |
| 46/ 45 | .6 | 4.6 | 3.8 | 3.5 | 1.2 | .2 | .1 | | | | | | | | | | | | | 411 | 411 | 334 | 162 | |
| 44/ 43 | .8 | 4.9 | 5.1 | 3.1 | .6 | .2 | .1 | | | | | | | | | | | | | 440 | 440 | 411 | 234 | |
| 42/ 41 | .6 | 4.3 | 4.9 | 1.5 | .2 | .1 | | | | | | | | | | | | | | 345 | 345 | 459 | 285 | |
| 40/ 39 | .2 | 4.8 | 3.5 | .7 | .2 | .2 | | | | | | | | | | | | | | 287 | 287 | 477 | 289 | |
| 38/ 37 | .2 | 3.1 | 1.2 | .2 | .1 | .1 | | | | | | | | | | | | | | 148 | 148 | 407 | 365 | |
| 36/ 35 | .2 | 2.1 | .2 | .3 | .1 | | | | | | | | | | | | | | | 85 | 85 | 226 | 367 | |
| 34/ 33 | .2 | .8 | .3 | .1 | | | | | | | | | | | | | | | | 44 | 44 | 106 | 350 | |
| 32/ 31 | .1 | .5 | .2 | | .0 | | | | | | | | | | | | | | | 26 | 26 | 49 | 280 | |
| 30/ 29 | .1 | .2 | .0 | .0 | | | | | | | | | | | | | | | | 11 | 11 | 42 | 174 | |
| 28/ 27 | | .0 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 13 | 106 | |
| 26/ 25 | .0 | .0 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 5 | 65 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 2 | 39 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 1 | 16 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No Obs | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL.A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA
STATION STATION NAME

41-72

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHIRD AFB WASHINGTON/TACOMA 41-72

MAR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|------------|-----|-----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|-------|------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 64/ 63 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | | | | |
| 60/ 59 | | | .0 | | | | .0 | | | | | | | | | | | 2 | 2 | | | | | |
| 58/ 57 | | .1 | .1 | | .1 | .0 | | | | | | | | | | | | 8 | 8 | | | | | |
| 56/ 55 | | .1 | .3 | .2 | .0 | | | | | | | | | | | | | 16 | 16 | 5 | | | | |
| 54/ 53 | .0 | .3 | .4 | .3 | .0 | | | | | | | | | | | | | 32 | 32 | 8 | 7 | | | |
| 52/ 51 | .1 | 1.2 | .6 | .5 | .1 | .1 | .0 | | | | | | | | | | | 75 | 73 | 31 | 15 | | | |
| 50/ 49 | .2 | 1.7 | 1.6 | .5 | .2 | .1 | | | | | | | | | | | | 127 | 127 | 63 | 33 | | | |
| 48/ 47 | .2 | 4.0 | 2.1 | 1.3 | .4 | .1 | .0 | | | | | | | | | | | 237 | 237 | 106 | 64 | | | |
| 46/ 45 | .9 | 6.2 | 3.1 | 1.1 | .2 | .1 | | | | | | | | | | | | 341 | 341 | 232 | 136 | | | |
| 44/ 43 | 1.1 | 5.9 | 4.0 | 1.3 | .1 | .1 | | | | | | | | | | | | 370 | 370 | 299 | 222 | | | |
| 42/ 41 | 1.2 | 6.9 | 4.5 | .8 | .1 | .1 | | | | | | | | | | | | 403 | 403 | 354 | 246 | | | |
| 40/ 39 | .8 | 8.5 | 4.3 | .8 | .1 | .0 | | | | | | | | | | | | 427 | 427 | 442 | 301 | | | |
| 38/ 37 | 1.1 | 6.8 | 2.9 | .4 | .1 | .1 | | | | | | | | | | | | 338 | 338 | 447 | 359 | | | |
| 36/ 35 | 1.2 | 6.2 | .8 | .3 | .1 | .0 | | | | | | | | | | | | 256 | 256 | 383 | 381 | | | |
| 34/ 33 | .8 | 4.2 | .4 | .1 | .0 | | | | | | | | | | | | | 166 | 166 | 293 | 408 | | | |
| 32/ 31 | .6 | 2.2 | .3 | .1 | | | | | | | | | | | | | | 97 | 97 | 142 | 323 | | | |
| 30/ 29 | .5 | .8 | .2 | .1 | | | | | | | | | | | | | | 47 | 47 | 93 | 194 | | | |
| 28/ 27 | .0 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 35 | 120 | | | |
| 26/ 25 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 14 | 47 | | | |
| 24/ 23 | .0 | | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 | 35 | | | |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 6 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 8.955 | 325.7 | 7.7 | 1.6 | .7 | .1 | | | | | | | | | | | | 2954 | 2954 | 2954 | 2954 | | | |
| | | | | | | | | | | | | | | | | | | | | | | 2954 | 2954 | 2954 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | 20602246 | | 244120 | | 82.6 | 12.040 | 2954 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | |
| Dry Bulb | 5116616 | | 121886 | | 41.3 | 5.441 | 2954 | | | 4.9 | | | | | 93 | | | | | | | | | |
| Wet Bulb | 4569415 | | 115159 | | 39.0 | 5.206 | 2954 | | | 9.1 | | | | | 93 | | | | | | | | | |
| Dew Point | 3970905 | | 106671 | | 36.1 | 6.346 | 2954 | | | 24.6 | | | | | 93 | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAF/ETAC

2

PSYCHROMETRIC SUMMARY

41-72

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (0.1 A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

APR

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MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 58/ 57 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 56/ 55 | | .1 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | 1 | | | |
| 54/ 53 | | .3 | .2 | .2 | .1 | | .0 | | | | | | | | | | | 23 | 23 | 7 | 3 | | |
| 52/ 51 | .1 | 1.2 | .6 | .1 | .0 | | | | | | | | | | | | | 56 | 56 | 16 | 12 | | |
| 50/ 49 | .5 | 3.5 | 1.6 | .2 | | | | | | | | | | | | | | 165 | 165 | 71 | 47 | | |
| 48/ 47 | .3 | 4.5 | 1.9 | .2 | .0 | | | | | | | | | | | | | 198 | 198 | 144 | 73 | | |
| 46/ 45 | .8 | 7.3 | 2.4 | .5 | | | | | | | | | | | | | | 317 | 317 | 242 | 149 | | |
| 44/ 43 | 1.1 | 8.6 | 2.7 | .3 | | .0 | | | | | | | | | | | | 365 | 365 | 309 | 243 | | |
| 42/ 41 | 1.7 | 9.5 | 2.4 | .1 | .0 | .0 | | | | | | | | | | | | 394 | 394 | 428 | 302 | | |
| 40/ 39 | 2.2 | 9.3 | 1.4 | .1 | | | | | | | | | | | | | | 372 | 372 | 402 | 419 | | |
| 38/ 37 | 1.8 | 8.0 | .7 | .0 | | | | | | | | | | | | | | 302 | 302 | 387 | 393 | | |
| 36/ 35 | 2.3 | 6.6 | .3 | | | | | | | | | | | | | | | 264 | 264 | 326 | 387 | | |
| 34/ 33 | 1.9 | 4.9 | .2 | | | | | | | | | | | | | | | 201 | 201 | 241 | 316 | | |
| 32/ 31 | .9 | 3.3 | .0 | | | | | | | | | | | | | | | 121 | 121 | 149 | 221 | | |
| 30/ 29 | .8 | 1.3 | .1 | | | | | | | | | | | | | | | 62 | 62 | 106 | 167 | | |
| 28/ 27 | .3 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 29 | 65 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 42 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 14.9 | 68.5 | 14.6 | 1.7 | .2 | .1 | .0 | | | | | | | | | | | 2860 | 2860 | 2860 | 2860 | | |
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PSYCHROMETRIC SUMMARY

41-72

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

41-72
YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|------------|------|-----------|------|------------|-------|----------|----|------------------------------------|-------|--------|-------|--------|-------|--------|------|-----------|----------|----------|-----------|-------|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | .1 | | | | | | | | | 2 | 2 | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .0 | .0 | | | .0 | .0 | | | | | | | 4 | 4 | | | | | | | | | | | | |
| 70/ 69 | | | | | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | 9 | 9 | | | | | | | | | | | | |
| 68/ 67 | | | | .0 | | .1 | .1 | .2 | .0 | .1 | | | | | | | | | 15 | 15 | | | | | | | | | | | | |
| 66/ 65 | | | | .0 | .2 | .3 | .3 | .1 | .0 | .0 | | | | | | | | | 28 | 28 | | | | | | | | | | | | |
| 64/ 63 | | | | .1 | .3 | .7 | .3 | .2 | .1 | | | | | | | | | | 53 | 53 | | | | | | | | | | | | |
| 62/ 61 | | | | .2 | .9 | .6 | .4 | .1 | .0 | | | | | | | | | | 63 | 63 | 2 | | | | | | | | | | | |
| 60/ 59 | | .0 | .3 | .7 | 1.1 | 1.0 | .4 | .1 | .0 | | | | | | | | | | 106 | 106 | 6 | | | | | | | | | | | |
| 58/ 57 | | | .5 | 1.2 | 1.4 | .9 | .3 | .0 | .0 | | | | | | | | | | 124 | 124 | 20 | 2 | | | | | | | | | | |
| 56/ 55 | | .3 | 1.1 | 2.2 | 2.2 | 1.0 | .2 | .1 | | | | | | | | | | | 206 | 206 | 52 | 4 | | | | | | | | | | |
| 54/ 53 | | .9 | 2.1 | 3.4 | 3.2 | .9 | .1 | | | | | | | | | | | | 301 | 301 | 125 | 20 | | | | | | | | | | |
| 52/ 51 | .0 | 1.6 | 3.5 | 4.5 | 3.9 | .7 | .1 | .0 | | | | | | | | | | | 414 | 414 | 157 | 46 | | | | | | | | | | |
| 50/ 49 | .1 | 2.1 | 5.2 | 7.6 | 2.8 | .4 | | | | | | | | | | | | | 519 | 519 | 293 | 92 | | | | | | | | | | |
| 48/ 47 | .2 | 2.2 | 4.7 | 6.0 | 1.3 | .1 | | | | | | | | | | | | | 413 | 413 | 419 | 165 | | | | | | | | | | |
| 46/ 45 | .0 | 2.4 | 4.6 | 3.1 | .6 | | | | | | | | | | | | | | 306 | 306 | 531 | 236 | | | | | | | | | | |
| 44/ 43 | .1 | 2.2 | 2.6 | 1.2 | .1 | | | | | | | | | | | | | | 177 | 177 | 521 | 325 | | | | | | | | | | |
| 42/ 41 | .0 | 1.3 | 1.4 | .2 | | | | | | | | | | | | | | | 84 | 84 | 417 | 344 | | | | | | | | | | |
| 40/ 39 | .0 | .5 | .2 | .0 | | | | | | | | | | | | | | | 24 | 24 | 223 | 396 | | | | | | | | | | |
| 38/ 37 | .1 | .2 | .0 | | | | | | | | | | | | | | | | 10 | 10 | 75 | 430 | | | | | | | | | | |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 19 | 360 | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 222 | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 116 | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 55 | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | .6 | 13.8 | 26.3 | 30.4 | 18.0 | 6.7 | 2.4 | 1.1 | .4 | .2 | .0 | | | | | | | | 2860 | 2860 | 2860 | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | 13453244 | | 192154 | | 67.2 | | 13.727 | | 2859 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | |
| Dry Bulb | 7471851 | | 149317 | | 50.8 | | 5.557 | | 2860 | | | | | | .9 | | .1 | | | | | | 90 | | | | | | | | | |
| Wet Bulb | 5974007 | | 130135 | | 45.5 | | 4.291 | | 2860 | | | | | | | | | | | | | | 90 | | | | | | | | | |
| Dew Point | 4610512 | | 113770 | | 39.8 | | 5.445 | | 2860 | | | | 6.9 | | | | | | | | | | 90 | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 24207 | MCCHORD AFB WASHINGTON/TACOMA |
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41-72

APR

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS (L. 5-1.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|------|------|------|------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|------|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | -31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| TOTAL | .3 | 7.7 | 13.9 | 20.4 | 21.6 | 18.0 | 9.1 | 4.0 | 2.1 | 1.7 | .7 | .4 | .1 | | | | | | | 2857 | 2858 | 2857 | 2857 | | | | | | | | | |
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0.26-5 (OL A) REVISED PER/PLUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

YEARS

41-72

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

41-72

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 80/ 79 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | |
| 78/ 77 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | |
| 74/ 73 | | | | | | | | .0 | .0 | | | .0 | | | | | | 3 | 3 | | | | | | |
| 72/ 71 | | | | | | | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | 13 | 13 | | | | | | |
| 70/ 69 | | | | | .0 | .0 | .1 | .1 | .2 | .1 | .1 | .0 | | | | | | 18 | 18 | | | | | | |
| 68/ 67 | | | | | .0 | .1 | .2 | .2 | .1 | .1 | | | | | | | | 18 | 18 | | | | | | |
| 66/ 65 | | | | | .1 | .3 | .4 | .4 | .1 | | .0 | | | | | | | 41 | 41 | | | | | | |
| 64/ 63 | | | | .1 | .2 | .6 | .4 | .3 | .1 | .1 | | | | | | | | 52 | 52 | | | | | | |
| 62/ 61 | | | | .2 | .8 | 1.0 | .8 | .2 | .1 | | | | | | | | | 90 | 90 | | 2 | | | | |
| 60/ 59 | | .1 | .1 | .6 | 1.2 | .8 | .8 | .2 | .1 | | | | | | | | | 113 | 113 | | 9 | | | | |
| 58/ 57 | | .2 | .3 | .9 | 1.9 | 1.3 | .3 | .2 | | | | | | | | | | 152 | 152 | | 22 | | | | |
| 56/ 55 | | .5 | 1.1 | 1.8 | 1.9 | 1.7 | .6 | .3 | | | | | | | | | | 226 | 226 | | 58 | | | | |
| 54/ 53 | | .9 | 1.7 | 2.8 | 2.4 | 1.6 | .3 | .0 | | | | | | | | | | 279 | 279 | 125 | 21 | | | | |
| 52/ 51 | .2 | 1.2 | 3.2 | 3.5 | 3.0 | 1.0 | .3 | | | | | | | | | | | 355 | 355 | 188 | 42 | | | | |
| 50/ 49 | .0 | 2.3 | 4.3 | 4.5 | 2.0 | .6 | .1 | | | | | | | | | | | 392 | 392 | 283 | 72 | | | | |
| 48/ 47 | .0 | 2.9 | 5.0 | 3.8 | 1.3 | .1 | .0 | | | | | | | | | | | 378 | 378 | 400 | 171 | | | | |
| 46/ 45 | .1 | 3.5 | 3.7 | 2.7 | .4 | .1 | | | | | | | | | | | | 303 | 303 | 496 | 231 | | | | |
| 44/ 43 | .1 | 2.7 | 2.9 | .9 | .1 | | | | | | | | | | | | | 194 | 194 | 486 | 321 | | | | |
| 42/ 41 | .1 | 2.8 | 1.6 | .3 | | | | | | | | | | | | | | 130 | 138 | 373 | 399 | | | | |
| 40/ 39 | .1 | 1.8 | .6 | .0 | | | | | | | | | | | | | | 71 | 71 | 289 | 346 | | | | |
| 38/ 37 | .1 | .6 | | | | | | | | | | | | | | | | 19 | 19 | 100 | 392 | | | | |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 27 | 330 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 212 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 152 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 76 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 29 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 16 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | .9 | 19.4 | 24.6 | 22.2 | 15.5 | 9.2 | 4.6 | 2.1 | .8 | .4 | .2 | .1 | | | | | | 2859 | 2859 | | 2859 | | | | |
| | | | | | | | | | | | | | | | | | | 2859 | | 2859 | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel Hum | 13642085 | | 191777 | | 67.1 | | 16.499 | | 2859 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | |
| Dry Bulb | 7521702 | | 145494 | | 50.9 | | 6.413 | | 2859 | | | | 1.7 | .2 | .0 | | 90 | | | | | | | | |
| Wet Bulb | 5959406 | | 129882 | | 45.4 | | 4.543 | | 2859 | | | | | | | | 90 | | | | | | | | |
| Dew Point | 4554408 | | 112900 | | 39.5 | | 5.798 | | 2859 | | | 9.9 | | | | | 90 | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA
STATION STATION NAME

41-72

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

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2

YEARS

41-72

MAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHARD AFB WASHINGTON/TACOMA 41-72

MAY

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 62/ 61 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | | |
| 60/ 59 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | 9 | 9 | | |
| 58/ 57 | | .4 | .2 | | | | | | | | | | | | | | | 19 | 19 | 7 | 5 |
| 56/ 55 | .0 | 1.7 | 1.4 | .3 | .1 | | | | | | | | | | | | | 101 | 101 | 23 | 3 |
| 54/ 53 | .3 | 2.8 | 1.5 | .3 | .1 | | | | | | | | | | | | | 149 | 149 | 99 | 57 |
| 52/ 51 | .4 | 5.7 | 3.2 | .4 | .0 | | | | | | | | | | | | | 291 | 291 | 154 | 101 |
| 50/ 49 | .5 | 8.3 | 4.4 | .3 | .1 | | | | | | | | | | | | | 399 | 399 | 283 | 183 |
| 48/ 47 | 1.1 | 8.8 | 3.4 | .4 | .1 | | | | | | | | | | | | | 407 | 407 | 409 | 313 |
| 46/ 45 | .7 | 10.3 | 4.0 | .1 | | | | | | | | | | | | | | 448 | 449 | 418 | 323 |
| 44/ 43 | 1.3 | 7.9 | 2.1 | .0 | | | | | | | | | | | | | | 335 | 335 | 463 | 421 |
| 42/ 41 | 1.9 | 7.0 | 1.7 | | | | | | | | | | | | | | | 312 | 312 | 390 | 457 |
| 40/ 39 | 1.3 | 5.0 | .9 | | | | | | | | | | | | | | | 212 | 212 | 289 | 387 |
| 38/ 37 | .9 | 2.8 | .2 | .0 | | | | | | | | | | | | | | 119 | 120 | 199 | 266 |
| 36/ 35 | 1.1 | 1.4 | .1 | | | | | | | | | | | | | | | 77 | 77 | 113 | 215 |
| 34/ 33 | .5 | 1.3 | .0 | | | | | | | | | | | | | | | 54 | 54 | 58 | 107 |
| 32/ 31 | .3 | .4 | | | | | | | | | | | | | | | | 20 | 20 | 45 | 63 |
| 30/ 29 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 35 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 15 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 10.3 | 64.0 | 23.3 | 2.0 | .4 | | | | | | | | | | | | | 2957 | 2959 | 2957 | 2957 |
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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|-----|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | .1 | .0 | .0 | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .0 | .0 | .0 | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | .0 | .0 | .0 | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | .0 | .1 | .1 | .1 | .1 | | | | | | 12 | 12 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .1 | .0 | .3 | .2 | .1 | .0 | .0 | | | | | | 23 | 23 | | | | | | | | | | | | | |
| 74/ 73 | | | | | .1 | .1 | .2 | .3 | .4 | .1 | .0 | .0 | | | | | | 34 | 34 | | | | | | | | | | | | | |
| 72/ 71 | | | | .0 | .1 | .2 | .5 | .5 | .2 | .0 | .0 | .0 | | | | | | 48 | 48 | | | | | | | | | | | | | |
| 70/ 69 | | | .0 | .2 | .3 | .8 | .5 | .3 | .1 | .1 | .0 | .0 | | | | | | 65 | 65 | | | | | | | | | | | | | |
| 68/ 67 | | | | .1 | .3 | .8 | .9 | .4 | | | | | | | | | | 74 | 74 | | | | | | | | | | | | | |
| 66/ 65 | | | | .3 | 1.0 | 1.8 | 1.0 | .3 | | | | | | | | | | 130 | 130 | 10 | | | | | | | | | | | | |
| 64/ 63 | | | .1 | .7 | 1.9 | 1.6 | .5 | | | | | | | | | | | 143 | 143 | 21 | 1 | | | | | | | | | | | |
| 62/ 61 | | .0 | .4 | 1.5 | 2.6 | 1.6 | .5 | .1 | | | | | | | | | | 196 | 196 | 37 | 3 | | | | | | | | | | | |
| 60/ 59 | | .4 | 1.1 | 3.4 | 3.9 | 1.9 | .5 | | | | | | | | | | | 329 | 329 | 87 | 9 | | | | | | | | | | | |
| 58/ 57 | .0 | .4 | 2.5 | 3.4 | 4.1 | 1.3 | .1 | | | | | | | | | | | 351 | 351 | 178 | 21 | | | | | | | | | | | |
| 56/ 55 | | 1.2 | 3.6 | 4.8 | 3.1 | 1.2 | .1 | | | | | | | | | | | 412 | 412 | 270 | 57 | | | | | | | | | | | |
| 54/ 53 | .1 | 1.4 | 2.8 | 4.9 | 3.1 | .6 | .1 | .1 | | | | | | | | | | 387 | 387 | 411 | 126 | | | | | | | | | | | |
| 52/ 51 | | 1.4 | 3.7 | 3.8 | 1.6 | .3 | | | | | | | | | | | | 316 | 316 | 429 | 233 | | | | | | | | | | | |
| 50/ 49 | .0 | 1.6 | 3.1 | 3.2 | .7 | .1 | | | | | | | | | | | | 260 | 260 | 467 | 293 | | | | | | | | | | | |
| 48/ 47 | .0 | .8 | 1.4 | 1.2 | .1 | | | | | | | | | | | | | 105 | 105 | 469 | 392 | | | | | | | | | | | |
| 46/ 45 | | .4 | .6 | .3 | | | | | | | | | | | | | | 37 | 37 | 312 | 392 | | | | | | | | | | | |
| 44/ 43 | .0 | .3 | .1 | .2 | | | | | | | | | | | | | | 20 | 20 | 177 | 434 | | | | | | | | | | | |
| 42/ 41 | | .0 | .1 | .0 | | | | | | | | | | | | | | 4 | 4 | 66 | 343 | | | | | | | | | | | |
| 40/ 39 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 16 | 246 | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 201 | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 108 | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 54 | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| TOTAL | .2 | 8.0 | 19.5 | 27.9 | 22.9 | 11.9 | 5.2 | 2.4 | 1.3 | .5 | .2 | .0 | | | | | | 2954 | 2954 | | | | | | | | | | | | | |

2

72

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

JSAFETAC
FORM
NII A4
0-26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41-72

MAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

41-72

MAY

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | 4L | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----|-------|----------|----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | 9. | Dry Bulb | Wet Bulb |
| 92/ 91 | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | .1 | .0 | | .1 | .0 | | 7 | 7 | | |
| 88/ 87 | | | | | | | | | | | | .1 | .1 | | | | | 6 | 6 | | |
| 86/ 85 | | | | | | | | | .1 | | .2 | .3 | .4 | | .0 | | | 29 | 29 | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .3 | .2 | .2 | | | | | 23 | 23 | | |
| 82/ 81 | | | | | | | .1 | .1 | .1 | .2 | .3 | .4 | .2 | | .0 | | | 42 | 42 | | |
| 80/ 79 | | | | | | | .0 | .2 | .4 | .5 | .6 | .1 | .2 | | | | | 63 | 63 | | |
| 78/ 77 | | | | | | .1 | .1 | .3 | .2 | .5 | .5 | .3 | .0 | | | | | 63 | 63 | | |
| 76/ 75 | | | | | | | .1 | .5 | .7 | .8 | .4 | .1 | .1 | | | | | 83 | 83 | | |
| 74/ 73 | | | | | .0 | .2 | .4 | .5 | .7 | .5 | .2 | .1 | | | | | | 78 | 78 | | |
| 72/ 71 | | | | .0 | .3 | .4 | 1.3 | .9 | 1.1 | .5 | .2 | | | | | | | 142 | 142 | 2 | |
| 70/ 69 | | | .0 | .1 | .3 | .7 | 1.3 | 1.9 | 1.1 | .1 | .1 | | | | | | | 167 | 167 | 3 | |
| 68/ 67 | | | .1 | .1 | .5 | 1.9 | 1.9 | 1.5 | .2 | | .4 | .1 | | | | | | 217 | 217 | 15 | |
| 66/ 65 | | | .0 | .4 | .9 | 1.7 | 3.2 | 1.1 | .5 | | | | | | | | | 234 | 235 | 38 | 2 |
| 64/ 63 | | .0 | .2 | .6 | 1.3 | 2.0 | 1.9 | 1.1 | .1 | | | | | | | | | 212 | 212 | 75 | 6 |
| 62/ 61 | | .2 | .2 | 1.2 | 2.3 | 2.8 | 1.7 | .7 | .2 | | | | | | | | | 279 | 279 | 117 | 9 |
| 60/ 59 | | .3 | .7 | 2.1 | 2.9 | 2.1 | 2.0 | .7 | .2 | | | | | | | | | 325 | 325 | 202 | 23 |
| 58/ 57 | | .7 | 1.0 | 1.8 | 2.8 | 2.5 | .9 | .1 | | | | | | | | | | 288 | 288 | 281 | 44 |
| 56/ 55 | .0 | 1.2 | 2.1 | 2.0 | 1.9 | 1.4 | .2 | .0 | | | | | | | | | | 259 | 259 | 393 | 72 |
| 54/ 53 | | 1.1 | .9 | 1.4 | 1.5 | .6 | .1 | | | | | | | | | | | 166 | 166 | 452 | 145 |
| 52/ 51 | | 1.0 | 1.6 | .9 | .8 | .3 | | | | | | | | | | | | 137 | 137 | 415 | 231 |
| 50/ 49 | | .7 | 1.2 | .5 | .2 | .1 | .0 | | | | | | | | | | | 82 | 82 | 380 | 300 |
| 48/ 47 | | .2 | .5 | .3 | | .0 | | | | | | | | | | | | 33 | 33 | 308 | 314 |
| 46/ 45 | .0 | .3 | .3 | .1 | | | | | | | | | | | | | | 18 | 18 | 178 | 380 |
| 44/ 43 | | .2 | .1 | .0 | | | | | | | | | | | | | | 8 | 8 | 70 | 338 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 24 | 297 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 248 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 206 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 126 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 101 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 58 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 29 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26.5 (OL A) REVISD PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

USAFETAC

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24207 MCCHIRD AFB WASHINGTON/TACOMA 41-72
STATION STATION NAME

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

0-26-5 (OLA)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 88/ 87 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | | | | |
| 86/ 85 | | | | | | | | | | | | .1 | | | | | | 2 | 2 | | | | | |
| 84/ 83 | | | | | | | | | | | | .0 | .0 | .1 | .0 | | | 5 | 5 | | | | | |
| 82/ 81 | | | | | | | | | .0 | .1 | .1 | .1 | .0 | | | | | 11 | 11 | | | | | |
| 80/ 79 | | | | | | | .0 | .1 | .1 | .2 | .1 | .0 | | | | | | 17 | 17 | | | | | |
| 78/ 77 | | | | | | | .1 | .1 | .3 | .2 | .2 | .1 | | | | | | 27 | 27 | | | | | |
| 76/ 75 | | | | | .0 | .0 | .0 | .3 | .2 | .2 | .2 | .0 | | | | | | 31 | 31 | | | | | |
| 74/ 73 | | | | | .0 | .0 | .2 | .4 | .5 | .2 | .1 | | | | | | | 48 | 48 | | | | | |
| 72/ 71 | | | | .0 | .1 | .3 | .5 | .6 | .5 | .2 | | | | | | | | 68 | 68 | | | | | |
| 70/ 69 | | | .1 | .4 | .4 | .8 | .7 | .7 | .1 | .0 | | | | | | | | 96 | 96 | | | | | |
| 68/ 67 | | | | .2 | .4 | 1.1 | 1.2 | .9 | .2 | .2 | | | | | | | | 124 | 124 | 3 | | | | |
| 66/ 65 | | .1 | .1 | .2 | .9 | 1.5 | 1.8 | .6 | .3 | .1 | | | | | | | | 165 | 165 | 15 | | | | |
| 64/ 63 | | .0 | .1 | .4 | 1.6 | 2.2 | 1.5 | .3 | .2 | .0 | | | | | | | | 188 | 188 | 29 | 4 | | | |
| 62/ 61 | | .0 | .4 | 1.4 | 2.1 | 2.3 | 1.5 | .3 | .0 | | | | | | | | | 241 | 241 | 60 | 7 | | | |
| 60/ 59 | | .6 | .6 | 2.7 | 2.6 | 1.9 | .9 | .4 | .1 | .0 | | | | | | | | 289 | 289 | 106 | 12 | | | |
| 58/ 57 | | .7 | 1.6 | 2.9 | 3.2 | 2.2 | .8 | .1 | | | | | | | | | | 340 | 340 | 185 | 34 | | | |
| 56/ 55 | .0 | 1.5 | 2.6 | 3.7 | 2.7 | 1.1 | .4 | .1 | | | | | | | | | | 357 | 357 | 322 | 62 | | | |
| 54/ 53 | .1 | 2.1 | 2.2 | 3.0 | 2.2 | .6 | .1 | .0 | | | | | | | | | | 305 | 305 | 421 | 115 | | | |
| 52/ 51 | .0 | 2.1 | 2.4 | 2.3 | 1.3 | .4 | .0 | | | | | | | | | | | 252 | 252 | 443 | 231 | | | |
| 50/ 49 | .1 | 2.0 | 2.4 | 1.7 | .6 | .0 | | | | | | | | | | | | 204 | 204 | 466 | 303 | | | |
| 48/ 47 | | 1.0 | 1.6 | .8 | .1 | | | | | | | | | | | | | 104 | 104 | 372 | 336 | | | |
| 46/ 45 | .0 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | | | 55 | 55 | 283 | 370 | | | |
| 44/ 43 | | .3 | .2 | .1 | | | | | | | | | | | | | | 19 | 19 | 166 | 382 | | | |
| 42/ 41 | | .2 | .1 | .0 | | | | | | | | | | | | | | 9 | 9 | 69 | 357 | | | |
| 40/ 39 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 16 | 269 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 179 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 128 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 69 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 61 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 25 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

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USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHURD AFB WASHINGTON/TACOMA

41-72

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | | | .0 | .1 | | | | | | | | | | | 4 | 4 | | |
| 70/ 69 | | | | | .0 | .1 | .1 | | | | | | | | | | | 7 | 7 | | |
| 68/ 67 | | | | .0 | .2 | .2 | .2 | .0 | .0 | | | .0 | | | | | | 20 | 20 | | |
| 66/ 65 | | | .1 | .1 | .3 | .5 | .2 | .2 | | | | | | | | | | 40 | 40 | | |
| 64/ 63 | | .1 | .0 | .2 | .5 | .3 | .1 | .1 | | | | | | | | | | 40 | 40 | 2 | 1 |
| 62/ 61 | | .1 | .4 | .7 | .6 | .9 | .1 | | | | | | | | | | | 81 | 81 | 10 | 1 |
| 60/ 59 | | .4 | .9 | 1.9 | 1.8 | .6 | .1 | | | | | | | | | | | 167 | 167 | 22 | 6 |
| 58/ 57 | .1 | 1.0 | 2.4 | 3.1 | 2.2 | .3 | .1 | | | | | | | | | | | 271 | 271 | 57 | 14 |
| 56/ 55 | .1 | 1.8 | 3.6 | 3.9 | 1.8 | .3 | .0 | | | | | | | | | | | 343 | 343 | 147 | 41 |
| 54/ 53 | .2 | 3.0 | 4.9 | 4.2 | 1.6 | .2 | | | | | | | | | | | | 417 | 417 | 258 | 95 |
| 52/ 51 | .3 | 4.0 | 6.2 | 3.1 | 1.0 | .1 | | | | | | | | | | | | 434 | 434 | 409 | 204 |
| 50/ 49 | .2 | 4.5 | 6.1 | 2.6 | .4 | .0 | .0 | | | | | | | | | | | 410 | 410 | 494 | 257 |
| 48/ 47 | .1 | 3.2 | 4.5 | 1.4 | .2 | .0 | | | | | | | | | | | | 278 | 278 | 493 | 384 |
| 46/ 45 | .2 | 3.4 | 2.9 | .5 | .0 | | | | | | | | | | | | | 208 | 208 | 428 | 394 |
| 44/ 43 | .1 | 2.5 | 1.2 | .2 | | | | | | | | | | | | | | 119 | 119 | 308 | 457 |
| 42/ 41 | .1 | 1.3 | .8 | | | | | | | | | | | | | | | 65 | 65 | 171 | 409 |
| 40/ 39 | .2 | .8 | .2 | .0 | | | | | | | | | | | | | | 39 | 39 | 107 | 285 |
| 38/ 37 | .1 | .2 | .0 | | | | | | | | | | | | | | | 10 | 10 | 39 | 206 |
| 36/ 35 | .0 | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 9 | 107 |
| 34/ 33 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 57 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.8 | 26.5 | 34.2 | 22.0 | 10.7 | 3.5 | .9 | .4 | .0 | | | .0 | | | | | | 2959 | 2959 | 2959 | 2959 |
| | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-5 (OL A) 101 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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41-72

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USAFETAC 0-26-5 (OL A) FORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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41-72

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. Y.)

FORM 0-26.5 (01-A)

USAFETAC

2

YEARS

41-72

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (0, A)

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USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 41-72

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------|------------|------|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|------|----------|-------------|-----------|--|-------------|--|--|-------------|-------|--|-------------|--|--|-------------|--|------|--------------------|-------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | .0 | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| 86/ 85 | | | | | | | | | .1 | | .0 | .0 | .0 | | | | | 5 | | | | | | | | | | | | | | | 5 | | | | |
| 84/ 83 | | | | | | | | .1 | | | | .1 | | | | | | 4 | | | | | | | | | | | | | | | 4 | | | | |
| 82/ 81 | | | | | | | .0 | .1 | .1 | .0 | .1 | .1 | | | | | | 11 | | | | | | | | | | | | | | | 11 | | | | |
| 80/ 79 | | | | .0 | | .0 | .1 | .1 | .2 | .2 | .0 | .0 | | | | | | 23 | | | | | | | | | | | | | | | 23 | | | | |
| 78/ 77 | | | | | | .0 | .1 | .4 | .4 | .3 | | | | | | | | 26 | | | | | | | | | | | | | | | 26 | | | | |
| 76/ 75 | | | | | .1 | .3 | .5 | .4 | .3 | .1 | .0 | | | | | | | 50 | | | | | | | | | | | | | | | 50 | | | | |
| 74/ 73 | | | | | .1 | .6 | .7 | .5 | .3 | .0 | | | | | | | | 61 | | | | | | | | | | | | | | | 61 | 2 | | | |
| 72/ 71 | | | .0 | | .4 | 1.1 | .8 | .4 | .2 | .0 | | | | | | | | 81 | | | | | | | | | | | | | | | 81 | | | | |
| 70/ 69 | | | | .1 | .9 | 1.1 | 1.3 | .5 | .2 | .0 | | | | | | | | 114 | | | | | | | | | | | | | | | 114 | 8 | 1 | | |
| 68/ 67 | | | .0 | | .4 | 1.4 | 1.8 | .3 | | .0 | | | | | | | | 140 | | | | | | | | | | | | | | | 140 | 10 | 2 | | |
| 66/ 65 | | | .1 | 1.1 | 2.4 | 2.3 | .9 | .2 | | | | | | | | | | 196 | | | | | | | | | | | | | | | 196 | 30 | 1 | | |
| 64/ 63 | | .0 | .8 | 2.7 | 3.1 | 2.6 | .6 | .1 | | | | | | | | | | 280 | | | | | | | | | | | | | | | 280 | 79 | 4 | | |
| 62/ 61 | | .5 | 1.7 | 3.9 | 4.9 | 1.6 | .2 | .0 | | | | | | | | | | 361 | | | | | | | | | | | | | | | 363 | 137 | 15 | | |
| 60/ 59 | .1 | .9 | 2.7 | 6.4 | 4.7 | 1.5 | .2 | | | | | | | | | | | 463 | | | | | | | | | | | | | | | 466 | 217 | .8 | | |
| 58/ 57 | | 1.1 | 4.1 | 6.0 | 3.6 | .3 | .0 | | | | | | | | | | | 429 | | | | | | | | | | | | | | | 430 | 368 | 116 | | |
| 56/ 55 | | 1.6 | 3.6 | 4.5 | 1.5 | .1 | | | | | | | | | | | | 314 | | | | | | | | | | | | | | | 314 | 476 | 197 | | |
| 54/ 53 | .1 | 1.2 | 2.3 | 1.6 | .1 | .0 | | | | | | | | | | | | 148 | | | | | | | | | | | | | | | 148 | 566 | 270 | | |
| 52/ 51 | .0 | .7 | .8 | .2 | | | | | | | | | | | | | | 51 | | | | | | | | | | | | | | | 51 | 472 | 392 | | |
| 50/ 49 | .2 | .4 | .4 | .1 | | | | | | | | | | | | | | 27 | | | | | | | | | | | | | | | 27 | 327 | 483 | | |
| 48/ 47 | | .3 | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | 8 | 93 | 455 | | |
| 46/ 45 | | .0 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 19 | 406 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 219 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 125 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .4 | 6.8 | 16.7 | 27.0 | 23.1 | 13.4 | 6.6 | 3.0 | 1.8 | .8 | .2 | .2 | .0 | | | | | 2804 | | | | | | | | | | | | | | | 2810 | | 2804 | | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | |
| Rel. Hum. | 12366587 | | | 182633 | | | 65.2 | | | 12.909 | | | 2803 | | | $\leq 0 F$ | | | $\leq 32 F$ | | | $\geq 67 F$ | | | $\geq 73 F$ | | | $\geq 80 F$ | | | $\geq 93 F$ | | | | | | |
| Dry Bulb | 10757956 | | | 172982 | | | 61.6 | | | 6.237 | | | 2810 | | | | | | | | | 16.8 | | | 6.1 | | | 1.0 | | | | | | | | | |
| Wet Bulb | 8437948 | | | 153378 | | | 54.7 | | | 4.147 | | | 2804 | | | | | | | | | .6 | | | .1 | | | | | | | | | | | | |
| Dew Point | 6845629 | | | 137919 | | | 49.2 | | | 4.698 | | | 2804 | | | | | | .1 | | | .1 | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207
STATIONMCCHORD AFB WASHINGTON/TACOMA
STATION NAME41-72
YEARSJUN
MONTHPAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|--|----|-----|--------------------|-------|-----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | .0 | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | |
| 96/ 95 | | | | | | | | | .0 | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | |
| 94/ 93 | | | | | | | | | | | | .0 | | .0 | .0 | .0 | .0 | 4 | | | | | | | | | | | | | | | 4 | | | | |
| 92/ 91 | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | .0 | 7 | | | | | | | | | | | | | | | 7 | | | | |
| 90/ 89 | | | | | | | | | | | | | | .1 | .0 | | | 3 | | | | | | | | | | | | | | | 3 | | | | |
| 88/ 87 | | | | | | | | | | .0 | .3 | .0 | .0 | | | | | 11 | | | | | | | | | | | | | | | 11 | | | | |
| 86/ 85 | | | | .0 | | | | .0 | .1 | .2 | .2 | .1 | | .1 | | | | 21 | | | | | | | | | | | | | | | 21 | | | | |
| 84/ 83 | | | | | | | .0 | .1 | .2 | .4 | .2 | .1 | .0 | | | | | 32 | | | | | | | | | | | | | | | 32 | | | | |
| 82/ 81 | | | | .0 | | .1 | .3 | .6 | .6 | .3 | .3 | .1 | | | | | | 64 | | | | | | | | | | | | | | | 64 | | | | |
| 80/ 79 | | | | | .1 | .4 | .9 | .6 | .2 | .1 | | | | | | | | 64 | | | | | | | | | | | | | | | 64 | | | | |
| 78/ 77 | | | | | .0 | .3 | .6 | .8 | .5 | .1 | .2 | | | | | | | 71 | | | | | | | | | | | | | | 71 | 2 | | 1 | | |
| 76/ 75 | | | | .1 | .2 | 1.2 | .7 | .6 | .6 | .1 | .0 | | | | | | | 101 | | | | | | | | | | | | | | | 101 | | | 1 | |
| 74/ 73 | | | | .0 | 1.1 | 1.3 | 1.5 | 1.3 | .3 | | | | | | | | | 154 | | | | | | | | | | | | | | | 154 | | | | |
| 72/ 71 | | | .2 | .5 | 1.4 | 1.8 | 1.2 | .9 | .1 | | | | | | | | | 171 | | | | | | | | | | | | | | | 171 | 4 | | 1 | |
| 70/ 69 | | .0 | .0 | .2 | 1.2 | 1.9 | 2.3 | 1.5 | .4 | .1 | | | | | | | | 217 | | | | | | | | | | | | | | | 217 | 15 | | | |
| 68/ 67 | | .0 | .0 | .4 | 1.7 | 2.5 | 2.9 | .6 | .2 | | | | | | | | | 236 | | | | | | | | | | | | | | | 236 | 40 | | 2 | |
| 66/ 65 | | | .4 | 1.3 | 2.7 | 3.6 | 1.8 | .4 | .1 | | | | | | | | | 291 | | | | | | | | | | | | | | | 294 | 96 | | 5 | |
| 64/ 63 | | .1 | .7 | 2.0 | 3.6 | 4.4 | 1.6 | .2 | | | | | | | | | | 353 | | | | | | | | | | | | | | | 355 | 169 | | 9 | |
| 62/ 61 | | .2 | .7 | 2.5 | 3.8 | 3.2 | .8 | .0 | | | | | | | | | | 316 | | | | | | | | | | | | | | | 317 | 223 | | 23 | |
| 60/ 59 | | 1.0 | 1.6 | 3.5 | 3.9 | 1.6 | .1 | | | | | | | | | | | 324 | | | | | | | | | | | | | | | 324 | 337 | | 72 | |
| 58/ 57 | | 1.1 | 1.8 | 1.9 | 1.1 | .0 | .0 | | | | | | | | | | | 168 | | | | | | | | | | | | | | | 168 | 441 | | 174 | |
| 56/ 55 | .1 | 1.2 | 1.9 | .8 | .1 | | | | | | | | | | | | | 114 | | | | | | | | | | | | | | | 114 | 522 | | 234 | |
| 54/ 53 | | .5 | .8 | .2 | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | | 43 | 476 | | 284 | |
| 52/ 51 | | .2 | .4 | .0 | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | 18 | 333 | | 374 | |
| 50/ 49 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | 18 | 116 | | 416 | |
| 48/ 47 | | | .1 | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 22 | | 401 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 353 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 240 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 113 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 04 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0.26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM 0-26.5 (OL A)
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

24207 ACCORD AFB WASHINGTON/TACOMA 41-72
STATION STATION NAME

YEARS

JUN
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

41-72

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----|----|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 98/ 97 | | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | | | |
| 96/ 95 | | | | | | | | | | | | | | .0 | | .0 | | | 2 | 2 | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | .0 | .0 | .0 | 2 | 2 | | | | |
| 92/ 91 | | | | | | | | | | | | | | | .0 | .0 | | .0 | 3 | 3 | | | | |
| 90/ 89 | | | | | | | | .0 | | | .0 | | | | | | .0 | | 3 | 3 | | | | |
| 88/ 87 | | | | | | | | | | .0 | .1 | | | | | | | | 4 | 4 | | | | |
| 86/ 85 | | | | | | | | | .1 | .0 | .2 | .1 | .0 | .0 | | | | | 13 | 13 | | | | |
| 84/ 83 | | | | | | | | | .0 | .1 | .2 | .1 | | | | | | | 13 | 13 | | | | |
| 82/ 81 | | | | | | .0 | .1 | .3 | .6 | .4 | .4 | .2 | .1 | | | | | | 39 | 39 | | | | |
| 80/ 79 | | | | | | .0 | .1 | .3 | .6 | .4 | .4 | .2 | .1 | | | | | | 60 | 60 | | | | |
| 78/ 77 | | | | | .0 | .0 | .4 | .6 | .5 | .4 | .2 | .0 | .0 | | | | | | 62 | 62 | 1 | | | |
| 76/ 75 | | | | | .1 | .2 | .5 | .8 | .9 | .3 | .2 | | | | | | | | 85 | 85 | 1 | | | |
| 74/ 73 | | | | | .2 | .5 | 1.2 | .9 | .7 | .4 | .1 | | | | | | | | 109 | 109 | | | | |
| 72/ 71 | | | .0 | | .4 | .6 | 1.3 | 1.2 | .5 | .4 | | | | | | | | | 126 | 126 | 4 | 1 | | |
| 70/ 69 | | | .0 | .3 | .4 | 1.4 | 1.6 | 1.1 | .6 | .0 | | | | | | | | | 150 | 150 | 5 | 1 | | |
| 68/ 67 | | | .1 | .4 | 1.6 | 1.9 | 1.5 | .9 | .2 | .0 | | | | | | | | | 189 | 189 | 26 | | | |
| 66/ 65 | | .0 | .1 | 1.0 | 2.9 | 1.9 | 1.9 | .4 | .2 | .0 | | | | | | | | | 233 | 233 | 61 | 3 | | |
| 64/ 63 | | .0 | .6 | 2.2 | 2.9 | 2.9 | 1.9 | .2 | | | | | | | | | | | 292 | 292 | 109 | 9 | | |
| 62/ 61 | | .4 | 1.4 | 3.2 | 3.6 | 2.2 | .5 | .1 | | | | | | | | | | | 321 | 321 | 173 | 21 | | |
| 60/ 59 | .0 | 1.1 | 2.1 | 3.9 | 3.6 | .8 | .2 | | | | | | | | | | | | 334 | 335 | 266 | 49 | | |
| 58/ 57 | .0 | 1.2 | 2.7 | 3.2 | 1.9 | .2 | | | | | | | | | | | | | 262 | 263 | 423 | 107 | | |
| 56/ 55 | .1 | 2.9 | 2.9 | 2.9 | .7 | .1 | | | | | | | | | | | | | 271 | 272 | 464 | 210 | | |
| 54/ 53 | .2 | 2.2 | 1.4 | .7 | .2 | | | | | | | | | | | | | | 135 | 135 | 551 | 329 | | |
| 52/ 51 | .1 | 1.1 | .6 | .2 | .1 | | | | | | | | | | | | | | 57 | 57 | 412 | 423 | | |
| 50/ 49 | | .7 | .2 | .1 | .0 | | | | | | | | | | | | | | 31 | 31 | 215 | 407 | | |
| 48/ 47 | | .2 | .0 | | | | | | | | | | | | | | | | 8 | 8 | 62 | 370 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 27 | 370 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 | 237 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 116 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | 70 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

1800-2000
HOURS (L. S. T.)

2

3

41-72

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

USA FETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 JUL
MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

24207
STAT

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72

YEARS

JUL
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

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Figure 1

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

FORM 11-A

USAFETAC

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24297 MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|--------|------|------|------|--------|-------|----------|----|------------------------------------|--------|--------|--------|--------|--------|-------|------|----------|----------|--------------------|-----------|-------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 94/ 93 | | | | | | | | | | | | .1 | | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | | | | | .0 | | | .0 | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | | | | | .0 | .0 | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | | .2 | .1 | .0 | .1 | | | | | | 10 | 10 | | |
| 86/ 85 | | | | | | | | .1 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | | | 14 | 14 | | |
| 84/ 83 | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 15 | 15 | | |
| 82/ 81 | | | | | | .0 | .1 | .2 | .3 | .3 | .1 | .0 | .0 | | | | | | | | 31 | 31 | | |
| 80/ 79 | | | | | | .0 | .3 | .6 | .6 | .1 | .1 | | | | | | | | | | 51 | 51 | | |
| 78/ 77 | | | | | .0 | .1 | .6 | 1.2 | .3 | .1 | | | | | | | | | | | 69 | 69 | | |
| 76/ 75 | | | | | .1 | .5 | 1.2 | 1.3 | .3 | .0 | | | | | | | | | | | 104 | 104 | | |
| 74/ 73 | | | | .0 | .2 | 1.2 | 2.5 | .9 | .1 | | | | | | | | | | | | 147 | 147 | 2 | |
| 72/ 71 | | | .0 | .1 | .9 | 3.0 | 2.3 | .5 | .1 | | | | | | | | | | | | 205 | 205 | 8 | |
| 70/ 69 | | | .1 | .3 | 2.1 | 3.6 | 1.3 | .4 | .1 | | | | | | | | | | | | 233 | 233 | 22 | |
| 68/ 67 | | | .2 | 1.3 | 3.6 | 3.5 | 1.1 | .1 | | | | | | | | | | | | | 288 | 288 | 42 | 1 |
| 66/ 65 | | .2 | .5 | 3.2 | 4.8 | 2.9 | .6 | .1 | | | | | | | | | | | | | 366 | 366 | 102 | 5 |
| 64/ 63 | | .3 | 1.6 | 4.2 | 5.3 | 2.4 | .2 | .0 | | | | | | | | | | | | | 412 | 412 | 216 | 20 |
| 62/ 61 | .0 | .5 | 2.8 | 5.5 | 4.1 | .6 | .1 | | | | | | | | | | | | | | 402 | 402 | 366 | 58 |
| 60/ 59 | 1.0 | 2.9 | 5.2 | 1.6 | .1 | | | | | | | | | | | | | | | | 321 | 321 | 489 | 123 |
| 58/ 57 | .1 | 1.2 | 2.6 | 1.9 | .4 | .0 | | | | | | | | | | | | | | | 184 | 184 | 579 | 264 |
| 56/ 55 | .1 | 1.0 | 1.1 | .5 | .0 | | | | | | | | | | | | | | | | 79 | 79 | 579 | 471 |
| 54/ 53 | .1 | .4 | .4 | .1 | | | | | | | | | | | | | | | | | 30 | 30 | 402 | 542 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | 136 | 515 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | 23 | 480 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | 1 | 276 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | 147 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | 42 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 4.7 | 12.1 | 22.3 | 23.1 | 17.9 | 10.4 | 5.5 | 2.0 | .9 | .5 | .1 | .2 | | | | | | | | 2967 | 2967 | | 2967 |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | Total | |
| Rel. Hum. | 12375752 | | 187992 | | 63.4 | | 12.513 | | 2967 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | 93 | |
| Dry Bulb | 12981295 | | 193329 | | 65.8 | | 6.414 | | 2967 | | | | 30.8 | 14.0 | 3.1 | .1 | | | | | | | 93 | |
| Wet Bulb | 10050050 | | 172294 | | 58.1 | | 3.892 | | 2967 | | | | 2.3 | .1 | | | | | | | | | 93 | |
| Dew Point | 8222649 | | 159715 | | 52.9 | | 4.121 | | 2967 | | | | | | | | | | | | | | 93 | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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3

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

40-72

YEARS

JUL
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

40-72

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|------------|------|-------|-------|-----------|-------|-------|-------|------------|-------|-------|-------|----------|----------|-----|----------|------------------------------------|-----------|--------|--------|--------|--------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | | Dew Point | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | .0 | .0 | 2 | 2 | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .1 | .2 | .0 | 9 | 9 | | | | | | | |
| 96/ 95 | | | | | | | | | | | | .1 | .1 | .3 | .1 | .0 | | 15 | 15 | | | | | | | |
| 94/ 93 | | | | | | | | | | | .1 | .1 | .3 | .1 | .1 | .1 | | 21 | 21 | | | | | | | |
| 92/ 91 | | | | | | | | | | .0 | .0 | .2 | .2 | .2 | .1 | | | 23 | 23 | | | | | | | |
| 90/ 89 | | | | | | | | | .0 | .1 | .3 | .7 | .5 | .3 | .0 | .0 | | 59 | 59 | | | | | | | |
| 88/ 87 | | | | | | | | .0 | | .4 | 1.0 | .6 | .2 | .1 | | | | 70 | 70 | | | | | | | |
| 86/ 85 | | | | | | | .0 | | .2 | .7 | 1.3 | .5 | .2 | .1 | | | | 92 | 92 | | | | | | | |
| 84/ 83 | | | | | | | .0 | .1 | 1.0 | 1.6 | 1.7 | .5 | .2 | .0 | | | | 155 | 156 | | | | | | | |
| 82/ 81 | | | | | | .1 | .2 | .5 | 1.9 | 1.7 | 1.2 | .5 | .1 | | | | | 184 | 184 | | | | | | | |
| 80/ 79 | | | | | | .2 | .2 | 1.2 | 2.1 | 2.2 | 1.0 | .3 | .0 | | | | | 218 | 219 | | | | | | | |
| 78/ 77 | | | | | | .3 | .8 | 2.2 | 2.4 | 1.5 | .2 | .0 | | | | | | 222 | 222 | | | | | | | |
| 76/ 75 | | | .1 | .2 | .9 | 2.2 | 2.5 | 2.0 | .8 | .2 | .1 | | | | | | | 266 | 266 | | 1 | | | | | |
| 74/ 73 | | | .2 | .3 | 1.4 | 2.3 | 3.2 | 1.7 | .1 | .1 | | | | | | | | 275 | 275 | | 9 | | | | | |
| 72/ 71 | | | .1 | .7 | 2.0 | 3.6 | 2.5 | .5 | .1 | .0 | | | | | | | | 281 | 281 | | 27 | | | | | |
| 70/ 69 | | | .1 | 1.6 | 2.9 | 3.1 | .9 | .4 | | | | | | | | | | 269 | 269 | | 86 | 2 | | | | |
| 68/ 67 | | | .2 | 1.1 | 2.2 | 2.7 | 2.0 | .6 | | | | | | | | | | 258 | 258 | | 186 | 6 | | | | |
| 66/ 65 | | .2 | .6 | 1.3 | 2.4 | 2.5 | 1.0 | .1 | | | | | | | | | | 239 | 239 | | 318 | 13 | | | | |
| 64/ 63 | | .5 | .8 | 1.3 | 1.4 | .4 | .2 | .0 | | | | | | | | | | 141 | 141 | | 454 | 24 | | | | |
| 62/ 61 | | .6 | .6 | 1.0 | .5 | .1 | | | | | | | | | | | | 85 | 85 | | 534 | 82 | | | | |
| 60/ 59 | .0 | .5 | .5 | .6 | .1 | | | | | | | | | | | | | 52 | 52 | | 556 | 202 | | | | |
| 58/ 57 | .1 | .4 | .4 | .1 | .0 | | | | | | | | | | | | | 36 | 30 | | 461 | 294 | | | | |
| 56/ 55 | | .1 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | | 234 | 429 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 92 | 439 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 | 483 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 387 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 256 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 169 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 90 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 52 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 27 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Element (X) | ΣX^2 | | | | ΣX | | | | \bar{X} | | | | σ_X | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | Total | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAF ETAC FORM 0-26-5 (OL A) JUL 64

2

1

40-72

YEARS

JUL
MONTH

3

USAFETAC FORM 0-26 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

40-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--|--------------------|-------|-----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 96/ 95 | | | | | | | | | | | | | .0 | .1 | | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | .0 | .0 | .0 | | | | | | | | 3 | 3 | | |
| 92/ 91 | | | | | | | | | .0 | | .1 | .0 | .1 | .0 | | | | | | | | 9 | 9 | | |
| 90/ 89 | | | | | | | | | | .1 | .2 | .2 | .2 | .0 | .0 | | | | | | | 21 | 21 | | |
| 88/ 87 | | | | | | | | | .0 | .1 | .4 | .4 | .4 | .1 | .0 | | | | | | | 32 | 32 | | |
| 86/ 85 | | | | | | | | .1 | .2 | .4 | .5 | .4 | .2 | | | | | | | | | 50 | 50 | | |
| 84/ 83 | | | | | | .0 | .1 | .1 | .6 | .8 | .6 | .2 | .1 | | | | | | | | | 70 | 70 | | |
| 82/ 81 | | | | | | | .0 | .4 | .9 | .9 | .4 | .4 | .1 | | | | | | | | | 92 | 92 | | |
| 80/ 79 | | | | | | .1 | .6 | 1.0 | 1.3 | 1.0 | .5 | | .1 | | | | | | | | | 133 | 133 | | |
| 78/ 77 | | | | | .0 | .2 | .9 | 1.2 | 1.7 | .6 | .4 | | | | | | | | | | | 151 | 151 | | |
| 76/ 75 | | | | .0 | .1 | .7 | 1.4 | 1.6 | 1.3 | .4 | .2 | .0 | | | | | | | | | | 173 | 173 | 1 | |
| 74/ 73 | | | .0 | .0 | .3 | 1.3 | 2.4 | 2.1 | 1.2 | .2 | .0 | | | | | | | | | | | 229 | 229 | 3 | |
| 72/ 71 | | | .1 | .3 | 1.4 | 2.2 | 2.7 | 1.9 | .5 | .0 | .0 | | | | | | | | | | | 275 | 275 | 13 | |
| 70/ 69 | | | .1 | .4 | 1.7 | 3.7 | 2.9 | 1.3 | .3 | | | | | | | | | | | | | 314 | 314 | 41 | 3 |
| 68/ 67 | | .0 | .2 | 1.1 | 2.6 | 3.4 | 2.2 | .5 | | | | | | | | | | | | | | 298 | 298 | 102 | 1 |
| 66/ 65 | | .1 | .4 | 2.3 | 3.7 | 3.2 | 1.0 | .0 | .0 | | | | | | | | | | | | | 323 | 323 | 202 | 12 |
| 64/ 63 | | .3 | 1.3 | 2.1 | 4.0 | 1.9 | .3 | | | | | | | | | | | | | | | 294 | 294 | 312 | 25 |
| 62/ 61 | | .9 | 1.5 | 3.5 | 1.9 | .6 | .0 | | | | | | | | | | | | | | | 253 | 253 | 445 | 79 |
| 60/ 59 | .1 | .8 | 1.4 | 2.2 | .5 | .0 | | | | | | | | | | | | | | | | 151 | 151 | 549 | 174 |
| 58/ 57 | .1 | 1.1 | .7 | .6 | .1 | .0 | | | | | | | | | | | | | | | | 76 | 76 | 578 | 292 |
| 56/ 55 | .1 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | 30 | 30 | 483 | 377 |
| 54/ 53 | | .1 | | | | | | | | | | | | | | | | | | | | 3 | 3 | 202 | 477 |
| 52/ 51 | | .0 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 49 | 524 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 381 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 293 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | 182 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | 93 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

JUL 64

JAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

3

YEARS

PAGE 1 2100-2300

HOURS (L. S. T.)

[illegible]

2

YEARS

40-71

AUG

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

AUG

PAGE 1 0300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|---------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | DB-W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | | .1 | .1 | | | .1 | | | | | | | | | | | 6 | 6 | | |
| 66/ 65 | | .1 | .0 | .0 | .0 | .1 | .0 | | | | | | | | | | | 8 | 8 | | |
| 64/ 63 | .1 | .5 | .5 | .4 | | | | | | | | | | | | | | 45 | 45 | 9 | 6 |
| 62/ 61 | .1 | 1.0 | .8 | .7 | | .0 | | | | | | | | | | | | 80 | 80 | 25 | 14 |
| 60/ 59 | .5 | 4.9 | 3.6 | 1.1 | .3 | .1 | | | | | | | | | | | | 311 | 311 | 87 | 38 |
| 58/ 57 | 1.0 | 10.0 | 4.1 | .6 | .3 | | | | | | | | | | | | | 475 | 475 | 266 | 161 |
| 56/ 55 | 1.4 | 9.8 | 5.1 | .9 | .1 | | | | | | | | | | | | | 514 | 514 | 512 | 305 |
| 54/ 53 | 1.4 | 8.6 | 3.2 | .6 | .1 | | | | | | | | | | | | | 409 | 409 | 494 | 511 |
| 52/ 51 | 1.3 | 7.8 | 2.2 | .2 | | | | | | | | | | | | | | 342 | 342 | 447 | 425 |
| 50/ 49 | 2.2 | 7.9 | 2.0 | .4 | | | | | | | | | | | | | | 371 | 371 | 440 | 460 |
| 48/ 47 | 1.8 | 4.5 | 1.0 | .1 | | | | | | | | | | | | | | 223 | 223 | 347 | 412 |
| 46/ 45 | 1.2 | 2.4 | .5 | | | | | | | | | | | | | | | 121 | 121 | 197 | 292 |
| 44/ 43 | .3 | 1.1 | .3 | | | | | | | | | | | | | | | 50 | 50 | 96 | 179 |
| 42/ 41 | .1 | .4 | .1 | | | | | | | | | | | | | | | 16 | 16 | 37 | 87 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 14 | 42 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 29 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 9 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.4 | 58.9 | 23.5 | 5.1 | .8 | .2 | .1 | | | | | | | | | | | 2971 | 2971 | 2971 | 2971 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_s | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | |
| Rel. Hum. | 23141142 | | 260916 | | 87.9 | | 8.599 | | 2970 | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | 93 | | | | |
| Dry Bulb | 8664208 | | 159864 | | 53.8 | | 4.577 | | 2971 | | | | .2 | | | | 93 | | | | |
| Wet Bulb | 8033240 | | 153962 | | 51.8 | | 4.291 | | 2971 | | | | | | | | 93 | | | | |
| Dew Point | 7539117 | | 149021 | | 50.2 | | 4.658 | | 2971 | | | | | | | | 93 | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

40-71

AUG
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|--------|------|------|-------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|----------|----------|-----------|--|--------|--|-------|--|--------------------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | | | .0 | | | 1 | 1 | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | .0 | .0 | .0 | | 3 | 3 | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | .0 | | .1 | | .0 | | | 4 | 4 | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | .2 | .0 | .0 | .0 | | | 8 | 8 | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | .2 | .2 | .2 | .1 | | | | 21 | 21 | | | | | | | | | | | |
| 88/ 87 | | | | | | | | .0 | .0 | .1 | .4 | .3 | .2 | | .0 | | | 33 | 33 | | | | | | | | | | | |
| 86/ 85 | | | | | | | | .0 | .1 | .5 | .7 | .2 | | .1 | | | | 51 | 51 | | | | | | | | | | | |
| 84/ 83 | | | | | | | .0 | .1 | .2 | .8 | .6 | .1 | .1 | | | | | 61 | 61 | | | | | | | | | | | |
| 82/ 81 | | | | | | | .2 | .7 | 1.0 | .9 | .4 | .2 | | | | | | 100 | 100 | | | | | | | | | | | |
| 80/ 79 | | | | | | .1 | .3 | 1.3 | 1.4 | 1.0 | .5 | | | | | | | 137 | 138 | | | | | | | | | | | |
| 78/ 77 | | | .0 | .0 | .5 | 1.0 | 2.3 | 1.7 | .8 | .1 | | | | | | | | 192 | 192 | | | | | | | | | | | |
| 76/ 75 | | | .0 | .3 | 1.4 | 2.2 | 3.2 | 1.4 | .4 | | | | | | | | | 258 | 260 | | | | | | | | | | | |
| 74/ 73 | | | .0 | .2 | .7 | 1.7 | 3.6 | 2.7 | .8 | .0 | | | | | | | | 288 | 289 | 3 | | | | | | | | | | |
| 72/ 71 | | | .0 | .1 | 1.2 | 2.9 | 3.7 | 1.5 | .3 | .0 | | | | | | | | 288 | 288 | 10 | | | | | | | | | | |
| 70/ 69 | | .0 | .1 | .7 | 2.4 | 4.5 | 3.4 | .9 | .1 | | | | | | | | | 361 | 361 | 51 | | | | | | | | | | |
| 68/ 67 | | .1 | .1 | 1.0 | 3.8 | 3.9 | 2.5 | .2 | .1 | | | | | | | | | 345 | 345 | 121 | | | | | | | | | | |
| 66/ 65 | | .2 | .8 | 3.1 | 3.8 | 2.9 | .8 | .1 | | | | | | | | | | 345 | 345 | 275 | | | | | | | | | | |
| 64/ 63 | .0 | .4 | 1.2 | 2.6 | 2.0 | .8 | .3 | | | | | | | | | | | 216 | 216 | 391 | | | | | | | | | | |
| 62/ 61 | .0 | 1.0 | 1.0 | 1.4 | 1.2 | .2 | | | | | | | | | | | | 142 | 142 | 534 | | | | | | | | | | |
| 60/ 59 | .0 | 1.0 | .5 | .3 | .1 | .1 | | | | | | | | | | | | 61 | 61 | 709 | | | | | | | | | | |
| 58/ 57 | .1 | .5 | .3 | .1 | | | | | | | | | | | | | | 28 | 28 | 514 | | | | | | | | | | |
| 56/ 55 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 11 | 11 | 246 | | | | | | | | | | |
| 54/ 53 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 87 | | | | | | | | | | |
| 52/ 51 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 11 | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .2 | 3.5 | 4.2 | 9.6 | 15.4 | 18.9 | 18.0 | 13.1 | 7.1 | 4.7 | 2.9 | 1.3 | .6 | .2 | .2 | .0 | | 2956 | 2960 | 2956 | | | | | | | | | | |
| Element (X) | Σx² | | | Σx | | X̄ | | s² | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel Hum. | 9638780 | | | 163514 | | 55.3 | | 14.176 | | 2956 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | |
| Dry Bulb | 15124133 | | | 210625 | | 71.2 | | 6.798 | | 2960 | | | | | | 67.7 | | 36.5 | | 11.0 | | .3 | | 93 | | | | | | |
| Wet Bulb | 10905322 | | | 179224 | | 60.6 | | 3.636 | | 2956 | | | | | | 5.8 | | .1 | | | | | | 93 | | | | | | |
| Dew Point | 8486921 | | | 157827 | | 53.4 | | 4.514 | | 2956 | | | | | | .2 | | | | | | | | 93 | | | | | | |

2

YEARS

40-71

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

0-26.5 (OL A)

USAFETAC

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USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1800-2000
LOURE (1 5 7)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|--------|------|------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-----|-----------|----------|----------|-----------|--------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | | | .0 | 1 | 1 | | | | | |
| 94/ 93 | | | | | | | | | | | | | .0 | .0 | | | .0 | 3 | 3 | | | | | |
| 92/ 91 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | | | | |
| 90/ 89 | | | | | | | | | | | .1 | .1 | .1 | .1 | | | | 6 | 6 | | | | | |
| 88/ 87 | | | | | | | | | | .0 | .1 | .1 | .1 | | .0 | | | 8 | 8 | | | | | |
| 86/ 85 | | | | | | | | .0 | .1 | .1 | .2 | .3 | .0 | | | | | 22 | 22 | | | | | |
| 84/ 83 | | | | | | | .0 | .0 | .3 | .2 | .6 | .1 | .1 | | | | | 39 | 39 | | | | | |
| 82/ 81 | | | | | | | .1 | .3 | .5 | .5 | .3 | | | | | | | 52 | 52 | | | | | |
| 80/ 79 | | | | | | .1 | .2 | .5 | 1.0 | .7 | .4 | | | | | | | 85 | 85 | | | | | |
| 78/ 77 | | | | | .0 | .3 | .6 | 1.1 | 1.0 | .5 | .3 | .1 | | | | | | 116 | 116 | | | | | |
| 76/ 75 | | | | .1 | .2 | .6 | 1.2 | 1.8 | 1.1 | .3 | .1 | | | | | | | 157 | 157 | | | | | |
| 74/ 73 | | | | .1 | .4 | 1.2 | 2.1 | 1.7 | .8 | .3 | | | | | | | | 193 | 193 | | | | | |
| 72/ 71 | | | .0 | .4 | 1.2 | 2.2 | 2.9 | 1.1 | .5 | .1 | | | | | | | | 254 | 254 | 4 | | | | |
| 70/ 69 | | | .2 | .6 | 2.2 | 3.3 | 2.2 | 1.2 | .3 | | | | | | | | | 296 | 296 | 18 | | | | |
| 68/ 67 | | .0 | .3 | 1.9 | 2.8 | 4.6 | 1.3 | .6 | .1 | .0 | | | | | | | | 345 | 345 | 59 | 1 | | | |
| 66/ 65 | | .1 | .9 | 3.5 | 4.5 | 2.2 | 1.1 | .1 | | | | | | | | | | 367 | 367 | 149 | 8 | | | |
| 64/ 63 | .0 | .4 | 2.2 | 4.0 | 3.1 | 1.6 | .3 | | | | | | | | | | | 346 | 346 | 271 | 29 | | | |
| 62/ 61 | .0 | 1.6 | 2.9 | 3.3 | 1.8 | .5 | .0 | | | | | | | | | | | 303 | 303 | 465 | 71 | | | |
| 60/ 59 | .4 | 2.8 | 2.1 | 1.6 | .8 | .1 | | | | | | | | | | | | 231 | 231 | 669 | 195 | | | |
| 58/ 57 | .2 | 1.5 | 1.0 | .5 | .2 | .1 | | | | | | | | | | | | 101 | 101 | 661 | 367 | | | |
| 56/ 55 | .1 | .7 | .2 | .1 | | | | | | | | | | | | | | 36 | 36 | 420 | 500 | | | |
| 54/ 53 | | .2 | .0 | .0 | | | | | | | | | | | | | | 8 | 8 | 189 | 460 | | | |
| 52/ 51 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 55 | 522 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 12 | 329 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 224 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 115 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 78 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 39 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 26 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | .8 | 7.4 | 9.9 | 16.1 | 17.2 | 16.7 | 11.9 | 8.4 | 5.8 | 2.9 | 2.0 | .5 | .3 | .1 | .0 | | .1 | 2974 | 2974 | | 2974 | | | |
| | | | | | | | | | | | | | | | | | | 2974 | | 2974 | | | | |
| Element (X) | Σx ² | | | Σx | | x̄ | | s _x | | No. Obs. | | Mean No. of hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 11850555 | | | 181473 | | 61.0 | | 16.131 | | 2973 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | 13822948 | | | 201780 | | 67.8 | | 6.678 | | 2974 | | | | | | 49.3 | | 21.4 | | 5.2 | | .1 | | 93 |
| Wet Bulb | 10435406 | | | 175850 | | 59.1 | | 3.554 | | 2974 | | | | | | 2.5 | | | | | | | | 93 |
| Dew Point | 8386399 | | | 157309 | | 52.9 | | 4.697 | | 2974 | | | | | | .0 | | .0 | | | | | | 93 |

PSYCHROMETRIC SUMMARY

40-71

 AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. I.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

SEP

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

SEP
MONTH

YEARS

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

24207
STATIC

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (QLA):

PSYCHROMETRIC SUMMARY

40-71

SEP

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (1-5-7)

[illegible]

26

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YEARS

SEP
MONTH

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USAFETAC

PSYCHROMETRIC SUMMARY

40-71

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------|------|------|--------|------|-------|-------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|----------|----------|-----------|--------|--|--------|--|-------|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | | | | | | | | | | | | |
| 84/ 82 | | | | | | | | | | .0 | .0 | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | .1 | .1 | .0 | | .0 | .0 | | | | 8 | 8 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .0 | .1 | .1 | .2 | .0 | | .0 | | | | | 16 | 16 | | | | | | | | | | | | | |
| 78/ 77 | | | | | .0 | .1 | .0 | .2 | .3 | .3 | .0 | | .0 | | | | | 27 | 27 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .2 | .4 | .3 | .4 | .1 | | | | | | | | 38 | 38 | | | | | | | | | | | | | |
| 74/ 73 | | | | | .0 | .3 | .5 | .5 | .3 | .1 | | | | | | | | 58 | 58 | | | | | | | | | | | | | |
| 72/ 71 | | | .1 | .1 | .3 | .9 | .8 | .6 | .2 | .0 | .0 | | | | | | | 90 | 90 | 1 | | | | | | | | | | | | |
| 70/ 69 | | .0 | | .3 | 1.2 | 1.2 | 1.1 | .5 | .2 | .1 | .0 | | | | | | | 137 | 137 | 1 | | | | | | | | | | | | |
| 68/ 67 | | | .2 | .8 | 1.8 | 1.6 | .9 | .3 | .1 | .1 | | | | | | | | 167 | 168 | 7 | | | | | | | | | | | | |
| 66/ 65 | | .1 | .9 | 2.6 | 2.1 | 1.5 | .9 | .1 | .0 | | | | | | | | | 238 | 238 | 22 | | | | | | | | | | | | |
| 64/ 63 | | .5 | 2.0 | 2.7 | 2.6 | 1.7 | .8 | .2 | .1 | | | | | | | | | 269 | 300 | 78 | | | | | | | | | | | | |
| 62/ 61 | | 1.4 | 3.1 | 3.2 | 2.7 | 1.4 | .5 | .2 | .1 | | | | | | | | | 351 | 354 | 199 | | | | | | | | | | | | |
| 60/ 59 | .2 | 3.8 | 4.4 | 3.6 | 2.2 | 1.0 | .2 | | | | | | | | | | | 443 | 444 | 353 | | | | | | | | | | | | |
| 58/ 57 | .3 | 4.3 | 3.9 | 2.8 | 1.3 | .5 | .1 | .1 | | | | | | | | | | 381 | 381 | 503 | | | | | | | | | | | | |
| 56/ 55 | .2 | 3.0 | 2.9 | 2.1 | .6 | .2 | .1 | | | | | | | | | | | 260 | 250 | 519 | | | | | | | | | | | | |
| 54/ 53 | .6 | 1.9 | 1.7 | 1.0 | .4 | .1 | .0 | | | | | | | | | | | 164 | 164 | 458 | | | | | | | | | | | | |
| 52/ 51 | .2 | 1.6 | 1.1 | .5 | .1 | .0 | | | | | | | | | | | | 101 | 101 | 328 | | | | | | | | | | | | |
| 50/ 49 | .1 | .8 | .5 | .1 | | | | | | | | | | | | | | 44 | 44 | 207 | | | | | | | | | | | | |
| 48/ 47 | .0 | .4 | .2 | .0 | | | | | | | | | | | | | | 19 | 19 | 107 | | | | | | | | | | | | |
| 46/ 45 | .1 | .3 | .0 | .0 | | | | | | | | | | | | | | 14 | 14 | 58 | | | | | | | | | | | | |
| 44/ 43 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 13 | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | 9 | 95 | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 55 | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| TOTAL | 1.7 | 18.4 | 21.0 | 19.8 | 15.4 | 10.7 | 6.5 | 3.1 | 1.9 | 1.0 | .2 | | | .1 | .0 | .0 | | 2863 | 2869 | 2863 | | | | | | | | | | | | |
| Element (X) | Σ x² | | | | Σ x | | Σ | | Σ x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 14642032 | | | | 199442 | | 69.7 | | 16.122 | | 2862 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | |
| Dry Bulb | 10897019 | | | | 179885 | | 61.3 | | 6.314 | | 2869 | | | | | | 17.1 | | 4.7 | | .6 | | | | 90 | | | | | | | |
| Wet Bulb | 8809219 | | | | 158323 | | 55.3 | | 4.344 | | 2863 | | | | | | .3 | | | | | | | | 57 | | | | | | | |
| Dew Point | 7394447 | | | | 144599 | | 50.5 | | 5.648 | | 2863 | | | | | | .8 | | .1 | | | | | | 90 | | | | | | | |

PSYCHROMETRIC SUMMARY

40-71

SEP

PAGE 1 2100-2300
HOURS (L S T)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|--------|-----|------|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|--|--------|--|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | | | | | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 7 | 8 | | |
| 64/ 63 | | .2 | .0 | | | | | | | | | | | | | | | | | | 18 | 19 | 10 | 2 |
| 62/ 61 | | .2 | .2 | .1 | .2 | | | | | | | | | | | | | | | | 50 | 56 | 13 | 15 |
| 60/ 59 | .2 | .7 | .0 | .1 | .0 | | | | | | .0 | | | | | | | | | | 103 | 107 | 39 | 18 |
| 58/ 57 | .2 | 1.8 | 1.1 | .4 | .0 | | .0 | | | | | | | | | | | | | | 159 | 165 | 121 | 71 |
| 56/ 55 | .7 | 3.2 | 1.3 | .2 | | .2 | | | | | | | | | | | | | | | 234 | 239 | 187 | 141 |
| 54/ 53 | .9 | 5.3 | 1.5 | .3 | .0 | | | | | | | | | | | | | | | | 256 | 256 | 241 | 214 |
| 52/ 51 | 1.7 | 5.2 | 1.5 | .4 | | | | | | | | | | | | | | | | | 291 | 297 | 273 | 254 |
| 50/ 49 | 2.1 | 5.9 | 1.8 | .2 | | | | | | | | | | | | | | | | | 380 | 385 | 324 | 292 |
| 48/ 47 | 2.4 | 9.2 | 1.3 | .1 | | | | | | | | | | | | | | | | | 353 | 355 | 459 | 393 |
| 46/ 45 | 3.6 | 7.6 | .8 | .1 | | | | | | | | | | | | | | | | | 273 | 275 | 334 | 368 |
| 44/ 43 | 3.3 | 5.5 | .6 | .0 | | | | | | | | | | | | | | | | | 211 | 214 | 243 | 333 |
| 42/ 41 | 3.4 | 3.3 | .4 | .0 | | | | | | | | | | | | | | | | | 176 | 180 | 202 | 232 |
| 40/ 39 | 3.0 | 2.7 | .4 | | | | | | | | | | | | | | | | | | 153 | 155 | 151 | 165 |
| 38/ 37 | 2.2 | 2.9 | .2 | | | | | | | | | | | | | | | | | | 112 | 116 | 141 | 150 |
| 36/ 35 | 2.1 | 1.6 | .2 | | | | | | | | | | | | | | | | | | 65 | 67 | 81 | 112 |
| 34/ 33 | 1.1 | 1.0 | .1 | | | | | | | | | | | | | | | | | | 36 | 36 | 49 | 65 |
| 32/ 31 | .7 | .6 | .0 | | | | | | | | | | | | | | | | | | 14 | 14 | 19 | 30 |
| 30/ 29 | .3 | .2 | | | | | | | | | | | | | | | | | | | 8 | 8 | 11 | 19 |
| 28/ 27 | .1 | .2 | | | | | | | | | | | | | | | | | | | 4 | 4 | 6 | 16 |
| 26/ 25 | .1 | .0 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 28.1 | 57.1 | 12.2 | 2.0 | .3 | .2 | .0 | .1 | | | .0 | | | | | | | | | | 2905 | 2959 | 2905 | 2905 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | 24207479 | | 263945 | | 90.9 | | 8.655 | | 2904 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | | Total | |
| Dry Bulb | 6539321 | | 137651 | | 46.8 | | 6.778 | | 2959 | | | | 2.0 | | .0 | | | | | | | | 93 | |
| Wet Bulb | 6031792 | | 131088 | | 45.1 | | 6.332 | | 2905 | | | | 2.8 | | | | | | | | | | 93 | |
| Dew Point | 5704796 | | 127298 | | 43.8 | | 6.602 | | 2905 | | | | 4.6 | | | | | | | | | | 93 | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

OCT

STATION

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10-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

2

PSYCHROMETRIC SUMMARY

40-71

OCT

STATION

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MONTH

PAGE 1

0600-0800

HOURS (L, S, T.)

0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

YEARS

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HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS O THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

40-71

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL | | | | | | | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|-----|----------|-------------|-----------|-----|-------------|--|--|-------------|--|--|--------------------|-------|--|-------------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | .1 | .1 | .0 | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .0 | .1 | .3 | .1 | .1 | .1 | | | | | | | 21 | 21 | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .0 | .1 | .3 | .4 | .0 | | | | | | | | | 25 | 27 | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .0 | .1 | .2 | .7 | .2 | .2 | | | | | | | | | 39 | 40 | 1 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .0 | .2 | .4 | .7 | .9 | .3 | .2 | .1 | .0 | | | | | | | 82 | 84 | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .4 | 1.1 | 1.6 | .9 | .3 | .0 | | | | | | | | | 126 | 128 | 1 | 1 | | | | | | | | | | | | | | | |
| 66/ 65 | | .0 | .1 | .7 | 1.9 | 1.4 | .5 | .1 | .1 | | | | | | | | | 138 | 143 | 5 | | | | | | | | | | | | | | | | |
| 64/ 63 | | .2 | .6 | 2.3 | 2.3 | 1.2 | .5 | .0 | .1 | | | | | | | | | 209 | 212 | 21 | 3 | | | | | | | | | | | | | | | |
| 62/ 61 | .1 | .3 | .9 | 2.9 | 2.5 | 1.1 | .5 | | | | | | | | | | | 243 | 250 | 78 | 11 | | | | | | | | | | | | | | | |
| 60/ 59 | .0 | .8 | 2.9 | 3.6 | 2.9 | 1.1 | .1 | | | | | | | | | | | 333 | 338 | 168 | 21 | | | | | | | | | | | | | | | |
| 58/ 57 | .0 | 1.5 | 2.7 | 3.2 | 2.6 | 1.2 | .2 | .0 | .2 | | | | | | | | | 344 | 346 | 289 | 66 | | | | | | | | | | | | | | | |
| 56/ 55 | .3 | 2.8 | 3.1 | 3.6 | 2.2 | .8 | .1 | .1 | .1 | | | | | | | | | 380 | 387 | 367 | 130 | | | | | | | | | | | | | | | |
| 54/ 53 | .4 | 2.9 | 3.3 | 3.4 | 1.7 | .6 | .0 | .0 | | | | | | | | | | 357 | 365 | 419 | 271 | | | | | | | | | | | | | | | |
| 52/ 51 | .4 | 2.6 | 2.2 | 2.0 | .6 | .2 | | | | | | | | | | | | 232 | 238 | 423 | 415 | | | | | | | | | | | | | | | |
| 50/ 49 | .3 | 1.8 | 1.8 | 1.6 | .4 | | | | | | | | | | | | | 172 | 175 | 388 | 357 | | | | | | | | | | | | | | | |
| 48/ 47 | .3 | 1.6 | 1.3 | .6 | .1 | | | | | | | | | | | | | 115 | 115 | 339 | 361 | | | | | | | | | | | | | | | |
| 46/ 45 | .4 | .6 | .3 | .1 | .0 | | | | | | | | | | | | | 41 | 41 | 216 | 316 | | | | | | | | | | | | | | | |
| 44/ 43 | .1 | .5 | .3 | .0 | .2 | .0 | | | | | | | | | | | | 34 | 34 | 118 | 287 | | | | | | | | | | | | | | | |
| 42/ 41 | .0 | .3 | | .0 | | | | | | | | | | | | | | 11 | 11 | 53 | 245 | | | | | | | | | | | | | | | |
| 40/ 39 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 20 | 175 | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 117 | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 4 | 60 | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 35 | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Element (X) | ΣX^1 | | | ΣX | | | \bar{X} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

100

40-71

OCT
MONTH

HOURS (L. S.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

110 T

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|-------------|---------|-------------|---------|-------------|----------|-------------|-----------|--------------------|-------|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 82/ 81 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | | | | |
| 80/ 79 | | | | | | .0 | | .1 | .1 | .1 | .0 | | | | | | | 9 | 9 | | | | | |
| 78/ 77 | | | | | | | | .1 | .1 | .1 | .1 | | | | | | | 8 | 8 | | | | | |
| 76/ 75 | | | | .0 | | | .1 | .1 | .0 | .1 | | | | | | | | 12 | 12 | | | | | |
| 74/ 73 | | | | | .0 | .2 | .2 | .2 | .2 | .0 | .0 | | | | | | | 26 | 26 | | | | | |
| 72/ 71 | | | .0 | .0 | .3 | .4 | .6 | .3 | .1 | .1 | .0 | | | | | | | 51 | 51 | 2 | | | | |
| 70/ 69 | | | | .0 | .5 | .7 | 1.0 | .5 | .2 | | | | | | | | | 85 | 88 | | | | | |
| 68/ 67 | | | | .3 | 1.0 | 1.4 | .7 | .3 | .1 | .0 | | | | | | | | 112 | 114 | 1 | | | | |
| 66/ 65 | | | .2 | 1.1 | 1.6 | 1.0 | .7 | .1 | .0 | | | | | | | | | 136 | 139 | 7 | | | | |
| 64/ 63 | .0 | .1 | .3 | 2.1 | 2.0 | 1.2 | .3 | .2 | .0 | | | | | | | | | 184 | 189 | 28 | | | | |
| 62/ 61 | .0 | .5 | .7 | 2.2 | 1.8 | 1.3 | .4 | .0 | | | | | | | | | | 204 | 210 | 73 | | | | |
| 60/ 59 | .1 | 1.2 | 2.3 | 2.7 | 2.5 | .9 | .5 | | | | | | | | | | | 299 | 306 | 175 | | | | |
| 58/ 57 | .1 | 1.5 | 3.6 | 2.8 | 2.4 | .9 | .2 | | .2 | | | | | | | | | 340 | 343 | 264 | | | | |
| 56/ 55 | .1 | 2.9 | 3.5 | 2.9 | 2.5 | .8 | .1 | | .1 | | | | | | | | | 377 | 382 | 335 | | | | |
| 54/ 53 | .4 | 3.8 | 3.0 | 2.8 | 1.7 | .2 | | | | | | | | | | | | 346 | 352 | 401 | | | | |
| 52/ 51 | .3 | 3.3 | 2.7 | 2.1 | 1.0 | .1 | .0 | | | | | | | | | | | 278 | 284 | 430 | | | | |
| 50/ 49 | .4 | 2.3 | 2.5 | 1.3 | .2 | .1 | | | | | | | | | | | | 201 | 209 | 383 | | | | |
| 48/ 47 | .3 | 1.6 | 1.1 | .6 | .2 | .0 | | | | | | | | | | | | 112 | 112 | 365 | | | | |
| 46/ 45 | .3 | 1.3 | .8 | | .1 | | | | | | | | | | | | | 76 | 76 | 219 | | | | |
| 44/ 43 | .2 | .4 | .3 | .1 | .1 | .1 | | | | | | | | | | | | 36 | 36 | 132 | | | | |
| 42/ 41 | .1 | .5 | .1 | | | .0 | | | | | | | | | | | | 20 | 20 | 58 | | | | |
| 40/ 39 | | .0 | | | .0 | | | | | | | | | | | | | 2 | 2 | 28 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

46-71

YEARS

OCT
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

YEARS

QCT
MONTH

PAGE 1 1800-2000

1600-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

40-71

OCT
MONTH

PAGE 1 2100-2300

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA

40-71

NOV

PAGE 1 0000-0200

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-------------|-------------------------------------|------|--------|-----|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60/ 59 | | .1 | .0 | .1 | .0 | | | | | | | | | | | | | 6 | 6 | | |
| 58/ 57 | .1 | .5 | .1 | .1 | .0 | | | | | | | | | | | | | 24 | 24 | 9 | 3 |
| 56/ 55 | .1 | .8 | .6 | .1 | .0 | | | | | | | | | | | | | 47 | 50 | 21 | 16 |
| 54/ 52 | .4 | 1.3 | .6 | .1 | .0 | .1 | | | | | | | | | | | | 72 | 72 | 42 | 23 |
| 52/ 51 | .4 | 3.2 | .6 | .2 | .1 | | | | | | | | | | | | | 126 | 126 | 83 | 59 |
| 50/ 49 | .7 | 4.6 | 1.7 | .1 | .0 | .1 | | | | | | | | | | | | 204 | 206 | 151 | 105 |
| 48/ 47 | 1.8 | 5.1 | .5 | .0 | .0 | | | | | | | | | | | | | 208 | 211 | 209 | 193 |
| 46/ 45 | 2.5 | 7.0 | 1.4 | .1 | | | | | | | | | | | | | | 308 | 313 | 287 | 210 |
| 44/ 43 | 2.1 | 7.5 | .7 | .1 | | | | | | | | | | | | | | 292 | 303 | 299 | 303 |
| 42/ 41 | 2.6 | 6.4 | .7 | | | | | | | | | | | | | | | 272 | 278 | 291 | 301 |
| 40/ 39 | 3.8 | 5.4 | .4 | .1 | | | | | | | | | | | | | | 269 | 270 | 321 | 282 |
| 38/ 37 | 2.5 | 4.0 | .3 | .0 | | | | | | | | | | | | | | 204 | 208 | 228 | 307 |
| 36/ 35 | 2.6 | 3.7 | .2 | .1 | | | | | | | | | | | | | | 183 | 189 | 191 | 204 |
| 34/ 33 | 2.8 | 3.4 | .2 | | | | | | | | | | | | | | | 177 | 179 | 197 | 205 |
| 32/ 31 | 3.2 | 1.9 | .2 | | | | | | | | | | | | | | | 147 | 150 | 176 | 195 |
| 30/ 29 | 2.8 | 1.0 | .3 | .1 | | | | | | | | | | | | | | 115 | 121 | 122 | 155 |
| 28/ 27 | 2.0 | .9 | .0 | | | | | | | | | | | | | | | 83 | 88 | 93 | 87 |
| 26/ 25 | .7 | .4 | .0 | | | | | | | | | | | | | | | 31 | 36 | 44 | 65 |
| 24/ 23 | .3 | .1 | .1 | | | | | | | | | | | | | | | 13 | 13 | 11 | 38 |
| 22/ 21 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 15 |
| 20/ 19 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 3 | 3 |
| 18/ 17 | .1 | .0 | .0 | | | | | | | | | | | | | | | 5 | 5 | 2 | 6 |
| 16/ 15 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 4 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 31.9 | 57.7 | 8.8 | 1.3 | .3 | .1 | | | | | | | | | | | | 2797 | 2859 | | 2797 |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | |
| Rel. Hum. | 23278999 | | 254631 | | 91.0 | | 8.418 | | 2797 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | 90 | | | | |
| Dry Bulb | 4986269 | | 117425 | | 41.1 | | 7.361 | | 2859 | | | 13.3 | | | | | 90 | | | | |
| Wet Bulb | 4614022 | | 111819 | | 40.0 | | 7.169 | | 2797 | | | 15.1 | | | | | 90 | | | | |
| Dew Point | 4326607 | | 107993 | | 38.6 | | 7.493 | | 2797 | | .0 | 18.9 | | | | | 90 | | | | |

USAF ETAC FORM 0-26-5 (OL A) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 HUGHARD AFB WASHINGTON/TACOMA

40-71

YEAR

NOV
MONTH

PAGE 1 0600-0600
HOURS (L. - T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | | | | |
| 60/ 59 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 58/ 57 | .1 | .1 | .2 | .2 | | | | | | | | | | | | | | 17 | 17 | 9 | 4 | | | |
| 56/ 55 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 26 | 26 | 10 | 3 | | | |
| 54/ 53 | .2 | 1.1 | .0 | .1 | .0 | | | | | | | | | | | | | 61 | 62 | 32 | 21 | | | |
| 52/ 51 | .3 | 2.0 | .8 | .2 | .1 | | | | | | | | | | | | | 95 | 97 | 56 | 34 | | | |
| 50/ 49 | 1.0 | 4.0 | .8 | .2 | .1 | | | | | | | | | | | | | 108 | 192 | 135 | 76 | | | |
| 48/ 47 | 1.3 | 5.3 | 1.1 | .4 | .1 | | | | | | | | | | | | | 230 | 232 | 200 | 190 | | | |
| 46/ 45 | 2.6 | 7.0 | 1.1 | .2 | | | | | | | | | | | | | | 304 | 309 | 275 | 218 | | | |
| 44/ 43 | 2.1 | 6.5 | 1.4 | .1 | | | | | | | | | | | | | | 284 | 293 | 310 | 278 | | | |
| 42/ 41 | 3.3 | 6.1 | .7 | | | | | | | | | | | | | | | 284 | 288 | 309 | 289 | | | |
| 40/ 39 | 3.9 | 5.3 | .6 | | | | | | | | | | | | | | | 273 | 278 | 309 | 321 | | | |
| 38/ 37 | 2.8 | 4.3 | .3 | .0 | | | | | | | | | | | | | | 211 | 216 | 235 | 295 | | | |
| 36/ 35 | 2.7 | 3.5 | .3 | | | | | | | | | | | | | | | 183 | 186 | 209 | 227 | | | |
| 34/ 33 | 2.5 | 3.0 | .0 | | | | | | | | | | | | | | | 157 | 158 | 176 | 216 | | | |
| 32/ 31 | 3.4 | 2.2 | .0 | | .0 | | | | | | | | | | | | | 159 | 163 | 184 | 186 | | | |
| 30/ 29 | 3.0 | 1.6 | | .1 | | | | | | | | | | | | | | 130 | 142 | 142 | 150 | | | |
| 28/ 27 | 1.9 | 1.1 | .1 | .0 | | | | | | | | | | | | | | 87 | 91 | 88 | 99 | | | |
| 26/ 25 | 1.4 | .6 | .0 | | | | | | | | | | | | | | | 59 | 60 | 61 | 81 | | | |
| 24/ 23 | .7 | .3 | .1 | | | | | | | | | | | | | | | 33 | 35 | 38 | 50 | | | |
| 22/ 21 | .3 | .1 | | | | | | | | | | | | | | | | 10 | 11 | 19 | 27 | | | |
| 20/ 19 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 11 | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | | 6 | | | |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 3 | 4 | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 1 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 5 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | | |
| 2/ 1 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | |
| Dry bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 0600-0800
(10:05:11: 6: 7:)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

NYV

PAGE 1 0900-1100

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|--------|-----|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Cew Point | | | |
| 64/ 63 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 62/ 61 | | .1 | .0 | .1 | .0 | | | | | | | | | | | | | 6 | 6 | | | | | |
| 60/ 59 | | .2 | .2 | .2 | .1 | .1 | .0 | | | | | | | | | | | 25 | 26 | 5 | 1 | | | |
| 58/ 57 | .0 | .2 | .5 | .4 | .1 | | | | | | | | | | | | | 37 | 37 | 9 | 7 | | | |
| 56/ 55 | .0 | 1.1 | 1.4 | .7 | .1 | .1 | | | | | | | | | | | | 98 | 98 | 27 | 7 | | | |
| 54/ 53 | .1 | 1.9 | 2.0 | .7 | .3 | .2 | | | | | | | | | | | | 149 | 150 | 61 | 32 | | | |
| 52/ 51 | .1 | 3.5 | 3.1 | .8 | .4 | | | | | | | | | | | | | 214 | 214 | 132 | 75 | | | |
| 50/ 49 | .7 | 5.8 | 3.5 | 1.2 | .2 | .0 | | | | | | | | | | | | 325 | 328 | 224 | 126 | | | |
| 48/ 47 | 1.0 | 5.5 | 2.9 | 1.2 | .1 | | | | | | | | | | | | | 299 | 304 | 318 | 256 | | | |
| 46/ 45 | 1.2 | 7.3 | 3.1 | .7 | .0 | | | | | | | | | | | | | 349 | 357 | 354 | 266 | | | |
| 44/ 43 | 1.2 | 6.2 | 3.0 | .4 | .1 | | | | | | | | | | | | | 304 | 306 | 348 | 317 | | | |
| 42/ 41 | 1.8 | 5.7 | 1.9 | .2 | | | | | | | | | | | | | | 272 | 276 | 345 | 338 | | | |
| 40/ 39 | 2.3 | 4.1 | 1.2 | .0 | | | | | | | | | | | | | | 217 | 220 | 322 | 327 | | | |
| 38/ 37 | 2.1 | 2.9 | .5 | .1 | .0 | | | | | | | | | | | | | 160 | 162 | 223 | 303 | | | |
| 36/ 35 | 1.7 | 2.3 | .5 | .1 | .0 | | | | | | | | | | | | | 129 | 137 | 140 | 267 | | | |
| 34/ 33 | 1.3 | 1.9 | .1 | .1 | .1 | | | | | | | | | | | | | 99 | 102 | 110 | 183 | | | |
| 32/ 31 | 1.2 | 1.1 | .1 | .0 | | | | | | | | | | | | | | 69 | 73 | 102 | 115 | | | |
| 30/ 29 | .7 | .4 | .1 | .1 | | | | | | | | | | | | | | 36 | 37 | 53 | 91 | | | |
| 28/ 27 | .2 | .2 | .1 | | | | | | | | | | | | | | | 12 | 12 | 18 | 38 | | | |
| 26/ 25 | .2 | | .0 | | | | | | | | | | | | | | | 6 | 7 | 14 | 24 | | | |
| 24/ 23 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 15 | | | |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 1 | 6 | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 4 | 5 | 3 | 2 | | | |
| 18/ 17 | .0 | | .0 | | | | | | | | | | | | | | | 2 | 2 | 6 | 2 | | | |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 4 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 16.1 | 50.6 | 24.5 | 7.1 | 1.4 | .4 | .0 | | | | | | | | | | | 2822 | 2869 | 2822 | 2822 | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Rel. Hum. | 20076405 | | 240669 | | 85.3 | | 11.047 | | 2821 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | |
| Dry Bulb | 5013373 | | 127627 | | 44.5 | | 6.884 | | 2869 | | | | 4.5 | | | | | | | | 90 | | | |
| Wet Bulb | 5201796 | | 119848 | | 42.5 | | 6.300 | | 2822 | | | | 6.5 | | | | | | | | 90 | | | |
| Dew Point | 4689973 | | 113425 | | 40.2 | | 6.816 | | 2822 | | | | 10.1 | | | | | | | | 90 | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

40-71

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

40-71

NDV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-71
YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 70/ 69 | | | | | .0 | | | .1 | .0 | | | | | | | | | 4 | 4 | | | | | | | |
| 68/ 67 | | | | | | | .0 | .1 | | | | | | | | | | 1 | 1 | | | | | | | |
| 66/ 65 | | | | .0 | | .0 | .1 | | | | | | | | | | | 4 | 4 | | | | | | | |
| 64/ 63 | | | .0 | .1 | .2 | .0 | .0 | | .0 | | | | | | | | | 13 | 13 | | | | | | | |
| 62/ 61 | | | .1 | .2 | .2 | .1 | | | | | | | | | | | | 18 | 18 | 1 | | | | | | |
| 60/ 59 | | .1 | .2 | .3 | .2 | .1 | .2 | .0 | | | | | | | | | | 35 | 35 | 2 | | | | | | |
| 58/ 57 | .1 | .5 | .9 | 1.1 | .4 | .3 | .0 | | | | | | | | | | | 96 | 99 | 19 | 4 | | | | | |
| 56/ 55 | .1 | 1.3 | 1.7 | 1.2 | .5 | .3 | | | | | | | | | | | | 142 | 142 | 52 | 20 | | | | | |
| 54/ 53 | .4 | 1.9 | 2.7 | 2.1 | .7 | .1 | .0 | | | | | | | | | | | 223 | 223 | 102 | 46 | | | | | |
| 52/ 51 | .5 | 4.5 | 3.6 | 2.4 | .8 | .1 | .0 | | | | | | | | | | | 340 | 341 | 193 | 99 | | | | | |
| 50/ 49 | .6 | 5.0 | 4.6 | 2.4 | .6 | .1 | | | | | | | | | | | | 377 | 387 | 294 | 184 | | | | | |
| 48/ 47 | .7 | 6.4 | 4.2 | 2.4 | .6 | .1 | | | | | | | | | | | | 403 | 409 | 363 | 244 | | | | | |
| 46/ 45 | .9 | 6.2 | 4.0 | 1.7 | .5 | .0 | | | | | | | | | | | | 377 | 380 | 442 | 311 | | | | | |
| 44/ 43 | .5 | 5.0 | 2.8 | .8 | .2 | | | | | | | | | | | | | 260 | 264 | 396 | 326 | | | | | |
| 42/ 41 | .7 | 4.1 | 1.8 | .5 | | | | | | | | | | | | | | 201 | 206 | 335 | 363 | | | | | |
| 40/ 39 | 1.2 | 2.4 | .9 | .1 | .1 | | | | | | | | | | | | | 133 | 138 | 278 | 342 | | | | | |
| 38/ 37 | .7 | 1.7 | .4 | .3 | .0 | .1 | | | | | | | | | | | | 92 | 93 | 161 | 294 | | | | | |
| 36/ 35 | .4 | .9 | .2 | .0 | .0 | | | | | | | | | | | | | 45 | 51 | 79 | 229 | | | | | |
| 34/ 33 | .4 | .3 | .1 | .0 | | | | | | | | | | | | | | 23 | 24 | 46 | 139 | | | | | |
| 32/ 31 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | 16 | 16 | 27 | 84 | | | | | |
| 30/ 29 | .1 | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 6 | 54 | | | | | |
| 28/ 27 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 10 | 23 | | | | | |
| 26/ 25 | .1 | | .0 | | | | | | | | | | | | | | | 3 | 3 | 5 | 21 | | | | | |
| 24/ 23 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | 10 | | | | | |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 1 | 7 | | | | | |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 3 | 1 | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 2 | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Element (X) | ΣX ² | | | ΣX | | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26.5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

2

2

NOV

STATION

STATION NAME

YEARS

MONTH

1500-1700

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

Q&A

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 24207 | MCCHORD AFB WASHINGTON/TACOMA |
| STATION | STATION NAME |

40-71

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------|-----|--------|-----|------|-------|----------------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 64/ 63 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | | | | |
| 62/ 61 | | | .0 | .1 | | | | | | | | | | | | | | 5 | 5 | | | | | |
| 60/ 59 | | .1 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | | | | | |
| 58/ 57 | | .5 | .1 | .2 | | | .0 | | | | | | | | | | | 23 | 24 | 10 | | | | |
| 56/ 55 | .1 | 1.0 | .6 | .2 | .0 | .1 | | | | | | | | | | | | 57 | 57 | 27 | | | | |
| 54/ 53 | .2 | 1.8 | 1.1 | .4 | .0 | .0 | | | | | | | | | | | | 102 | 104 | 50 | | | | |
| 52/ 51 | .4 | 4.9 | 1.1 | .3 | .1 | | | | | | | | | | | | | 192 | 193 | 108 | | | | |
| 50/ 49 | 1.0 | 4.9 | 2.6 | .5 | .2 | | | | | | | | | | | | | 260 | 263 | 216 | | | | |
| 48/ 47 | 1.1 | 8.6 | 2.4 | .4 | .1 | | | | | | | | | | | | | 353 | 359 | 246 | | | | |
| 46/ 45 | 2.0 | 7.5 | 2.2 | .2 | | .0 | | | | | | | | | | | | 335 | 337 | 410 | | | | |
| 44/ 43 | 1.7 | 8.2 | 1.7 | .3 | .1 | .0 | | | | | | | | | | | | 338 | 347 | 328 | | | | |
| 42/ 41 | 2.4 | 7.4 | 1.2 | .1 | | | | | | | | | | | | | | 314 | 318 | 370 | | | | |
| 40/ 39 | 2.2 | 5.9 | 1.1 | .2 | | | | | | | | | | | | | | 266 | 268 | 314 | | | | |
| 38/ 37 | 1.8 | 4.4 | .5 | .1 | | | | | | | | | | | | | | 191 | 194 | 242 | | | | |
| 36/ 35 | 1.6 | 2.7 | .3 | .0 | | | | | | | | | | | | | | 130 | 134 | 190 | | | | |
| 34/ 33 | 2.0 | 2.0 | .4 | .1 | | | | | | | | | | | | | | 127 | 131 | 140 | | | | |
| 32/ 31 | .9 | 1.0 | .0 | .0 | | | | | | | | | | | | | | 56 | 58 | 80 | | | | |
| 30/ 29 | .5 | .3 | .1 | .0 | | | | | | | | | | | | | | 27 | 29 | 44 | | | | |
| 28/ 27 | .1 | .2 | .1 | | | | | | | | | | | | | | | 11 | 12 | 12 | | | | |
| 26/ 25 | .1 | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 11 | | | | |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 4 | | | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | | | | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 18.261 | 6.16 | 1.1 | 3.3 | .6 | .2 | .0 | | | | | | | | | | | 2816 | 2861 | 2816 | | | | |
| Element (X) | Σ x ² | | | Σ x | | | ̄x | σ _x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 22135666 | | | 248144 | | | 88.1 | 9.782 | 2816 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | 5586628 | | | 125088 | | | 43.7 | 6.412 | 2861 | | | | 3.7 | | | | | | | | | | 90 | |
| Wet Bulb | 5103385 | | | 118641 | | | 42.1 | 6.105 | 2816 | | | | 5.3 | | | | | | | | | | 90 | |
| Dew Point | 4703588 | | | 113530 | | | 40.3 | 6.704 | 2816 | | | | 9.5 | | | | | | | | | | 90 | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|------------|-----|-----------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 60/ 59 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | 9 | 9 | | | | |
| 58/ 57 | | .7 | .0 | .1 | | | | | | | | | | | | | | 23 | 23 | 9 | 1 | | |
| 56/ 55 | .1 | .8 | .1 | .1 | .0 | | | | | | | | | | | | | 32 | 32 | 26 | 19 | | |
| 54/ 53 | .2 | 1.3 | .8 | .3 | | | | | | | | | | | | | | 75 | 78 | 34 | 25 | | |
| 52/ 51 | .7 | 3.9 | .9 | .4 | .1 | | | | | | | | | | | | | 165 | 165 | 91 | 59 | | |
| 50/ 49 | .9 | 4.9 | 1.8 | .2 | .2 | | | | | | | | | | | | | 226 | 229 | 178 | 124 | | |
| 48/ 47 | 1.2 | 6.0 | 1.2 | .3 | .0 | | | | | | | | | | | | | 246 | 247 | 200 | 180 | | |
| 46/ 45 | 2.2 | 7.0 | 1.9 | .2 | .0 | | | | | | | | | | | | | 319 | 327 | 335 | 219 | | |
| 44/ 43 | 2.5 | 7.0 | 1.1 | .0 | | | | | | | | | | | | | | 297 | 299 | 312 | 318 | | |
| 42/ 41 | 3.0 | 6.7 | 1.1 | .1 | .0 | | | | | | | | | | | | | 308 | 315 | 335 | 333 | | |
| 40/ 39 | 2.9 | 5.5 | .6 | .1 | | | | | | | | | | | | | | 259 | 262 | 303 | 314 | | |
| 38/ 37 | 2.8 | 4.5 | .5 | .2 | .0 | | | | | | | | | | | | | 226 | 232 | 251 | 291 | | |
| 36/ 35 | 2.9 | 3.1 | .1 | | | | | | | | | | | | | | | 172 | 174 | 208 | 253 | | |
| 34/ 33 | 2.7 | 3.5 | .2 | | | | | | | | | | | | | | | 180 | 182 | 183 | 207 | | |
| 32/ 31 | 2.4 | 1.7 | .2 | | | | | | | | | | | | | | | 121 | 125 | 156 | 196 | | |
| 30/ 29 | 1.9 | .9 | .2 | | | | | | | | | | | | | | | 85 | 90 | 102 | 119 | | |
| 28/ 27 | .9 | .4 | .0 | | | | | | | | | | | | | | | 38 | 42 | 45 | 56 | | |
| 26/ 25 | .2 | .2 | | | | | | | | | | | | | | | | 12 | 13 | 23 | 32 | | |
| 24/ 23 | .1 | .1 | .2 | | | | | | | | | | | | | | | 9 | 9 | 4 | 29 | | |
| 22/ 21 | .0 | | .0 | | | | | | | | | | | | | | | 2 | 2 | 4 | 10 | | |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 5 | 7 | | |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | | 5 | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 2 | | |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 2 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 5 | | |
| 6/ 5 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 27.6 | 58.5 | 11.3 | 2.1 | .5 | | | | | | | | | | | | | 2814 | 2865 | | 2814 | | |
| | | | | | | | | | | | | | | | | | | 2814 | | 2814 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | 23110479 | | 253763 | | 90.2 | 8.972 | | 2814 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | 90 | | | | | | | |
| Dry Bulb | 5185072 | | 120186 | | 41.9 | 7.074 | | 2865 | | | 9.1 | | | | | 90 | | | | | | | |
| Wet Bulb | 4787709 | | 114523 | | 40.7 | 6.717 | | 2814 | | | 11.2 | | | | | 90 | | | | | | | |
| Dew Point | 4467756 | | 110322 | | 39.2 | 7.120 | | 2814 | | .0 | 15.1 | | | | | 90 | | | | | | | |

USAFETAC 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHORD AFB WASHINGTON/TACOMA 40-71

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|--------|-----|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 60/ 59 | | | .0 | | .0 | | | | | | | | | | | | | 2 | 2 | | | | | |
| 58/ 57 | | .0 | .1 | .0 | .1 | | .1 | | | | | | | | | | | 8 | 8 | | | | | |
| 56/ 55 | .1 | .1 | .1 | .2 | | .1 | | | | | | | | | | | | 20 | 20 | 5 | 2 | | | |
| 54/ 53 | .1 | .7 | .4 | .3 | .1 | | | | | | | | | | | | | 44 | 45 | 13 | 11 | | | |
| 52/ 51 | .1 | 1.4 | .8 | .2 | | | | | | | | | | | | | | 72 | 75 | 37 | 18 | | | |
| 50/ 49 | .4 | 2.2 | 1.3 | .1 | .1 | | | | | | | | | | | | | 120 | 125 | 89 | 50 | | | |
| 48/ 47 | .7 | 3.3 | .9 | .4 | .0 | | | | | | | | | | | | | 154 | 154 | 121 | 93 | | | |
| 46/ 45 | .7 | 4.7 | 1.3 | .2 | .1 | | | | | | | | | | | | | 201 | 202 | 174 | 117 | | | |
| 44/ 43 | 1.8 | 5.3 | .9 | .0 | .0 | | | | | | | | | | | | | 233 | 239 | 240 | 219 | | | |
| 42/ 41 | 2.6 | 7.8 | 1.3 | .1 | | .0 | | | | | | | | | | | | 352 | 353 | 309 | 236 | | | |
| 40/ 39 | 3.2 | 6.6 | 1.0 | | | | | | | | | | | | | | | 313 | 315 | 364 | 352 | | | |
| 38/ 37 | 2.0 | 6.4 | .3 | .0 | | | | | | | | | | | | | | 254 | 255 | 261 | 283 | | | |
| 36/ 35 | 2.9 | 6.3 | .2 | .1 | | | | | | | | | | | | | | 277 | 277 | 324 | 316 | | | |
| 34/ 33 | 3.3 | 4.6 | .3 | .1 | | | | | | | | | | | | | | 241 | 246 | 257 | 331 | | | |
| 32/ 31 | 3.1 | 2.3 | .2 | | | | | | | | | | | | | | | 163 | 169 | 200 | 260 | | | |
| 30/ 29 | 3.0 | 1.9 | .3 | .1 | | | | | | | | | | | | | | 151 | 153 | 166 | 169 | | | |
| 28/ 27 | 2.8 | .7 | | .0 | | | | | | | | | | | | | | 104 | 106 | 130 | 121 | | | |
| 26/ 25 | 1.9 | .5 | | | | | | | | | | | | | | | | 69 | 70 | 78 | 109 | | | |
| 24/ 23 | 1.2 | .5 | | | | | | | | | | | | | | | | 48 | 51 | 46 | 71 | | | |
| 22/ 21 | .8 | .4 | .1 | | | | | | | | | | | | | | | 37 | 45 | 43 | 54 | | | |
| 20/ 19 | .7 | .2 | | | | | | | | | | | | | | | | 25 | 30 | 26 | 25 | | | |
| 18/ 17 | .3 | | .0 | | | | | | | | | | | | | | | 11 | 11 | 15 | 26 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 14 | | | |
| 14/ 13 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 6 | | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | | | |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 1 | | | |
| 8/ 7 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 1 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 1 | 4 | | | |
| 4/ 3 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| TOTAL | 31.7 | 56.1 | 9.7 | 1.9 | .4 | .1 | .1 | | | | | | | | | | | | 2963 | | 2911 | | | |
| | | | | | | | | | | | | | | | | | | 2911 | | 2911 | | | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | |
| Rel. Hum | 23832268 | | 262104 | | 90.0 | | 8.942 | | 2911 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 | | | | | | | |
| Dry Bulb | 4528363 | | 113469 | | 38.3 | | 7.860 | | 2963 | | 20.3 | | | | | | 93 | | | | | | | |
| Wet Bulb | 4176331 | | 108209 | | 37.2 | | 7.273 | | 2911 | | 22.9 | | | | | | 93 | | | | | | | |
| Dew Point | 3852717 | | 103273 | | 35.6 | | 7.589 | | 2911 | | 28.2 | | | | | | 93 | | | | | | | |

REVISOR 0-26.5 (OL A)

FORM 0-26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

!JSAFETAC

PSYCHROMETRIC SUMMARY

40-71

DEC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

40-71

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-71

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.265 (OL A)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCHIRD AFB WASHINGTON/TACOMA

40-71

DEC

PAGE 1 0900-1100

HOURS (I. S. T.)

| Temp (F) | WET BUL TEMPERATURE DEPRESSION (F) | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | |
|-------------|------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-1 | 14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60/ 59 | | | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | | |
| 58/ 57 | | .1 | .1 | .1 | | .1 | .0 | | | | | | | | | | | 12 | 12 | | |
| 56/ 55 | .1 | .4 | .1 | .2 | .1 | .1 | | | | | | | | | | | | 28 | 29 | 6 | 3 |
| 54/ 53 | .1 | .6 | .5 | .5 | .1 | | | | | | | | | | | | | 54 | 55 | 22 | 13 |
| 52/ 51 | .1 | 2.0 | .8 | .3 | .0 | .0 | | | | | | | | | | | | 95 | 95 | 40 | 18 |
| 50/ 49 | .4 | 3.1 | 1.2 | .2 | .1 | | | | | | | | | | | | | 148 | 151 | 114 | 49 |
| 48/ 47 | .5 | 4.5 | 1.6 | .5 | .1 | | | | | | | | | | | | | 212 | 217 | 153 | 119 |
| 46/ 45 | 1.1 | 6.4 | 2.5 | .1 | .1 | | | | | | | | | | | | | 297 | 305 | 229 | 172 |
| 44/ 43 | 1.0 | 6.2 | 2.3 | .4 | .0 | | | | | | | | | | | | | 287 | 287 | 283 | 230 |
| 42/ 41 | 2.1 | 6.2 | 2.1 | .1 | .0 | | | | | | | | | | | | | 308 | 309 | 337 | 288 |
| 40/ 39 | 2.3 | 7.4 | 1.5 | .1 | | | | | | | | | | | | | | 330 | 332 | 330 | 297 |
| 38/ 37 | 1.9 | 6.2 | .5 | .3 | .1 | | | | | | | | | | | | | 261 | 263 | 343 | 345 |
| 36/ 35 | 2.8 | 4.6 | 1.1 | .1 | | | | | | | | | | | | | | 252 | 253 | 286 | 358 |
| 34/ 33 | 1.9 | 4.8 | .5 | .1 | .0 | | | | | | | | | | | | | 216 | 222 | 213 | 289 |
| 32/ 31 | 2.6 | 2.1 | .2 | | | | | | | | | | | | | | | 144 | 148 | 228 | 239 |
| 30/ 29 | 2.0 | 1.2 | .1 | .1 | | | | | | | | | | | | | | 99 | 99 | 121 | 167 |
| 28/ 27 | 1.4 | 1.0 | .1 | .0 | | | | | | | | | | | | | | 74 | 76 | 79 | 101 |
| 26/ 25 | .8 | .6 | .0 | | | | | | | | | | | | | | | 42 | 43 | 56 | 73 |
| 24/ 23 | .4 | .3 | | | | | | | | | | | | | | | | 21 | 22 | 30 | 65 |
| 22/ 21 | .4 | .1 | | | | | | | | | | | | | | | | 16 | 20 | 18 | 36 |
| 20/ 19 | .2 | .1 | .0 | | | | | | | | | | | | | | | 8 | 9 | 7 | 15 |
| 18/ 17 | .1 | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 7 | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 14/ 13 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 1 | 6 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 4 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | |
| 6/ 5 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 22.2 | 58.2 | 15.5 | 3.2 | .6 | .2 | .0 | .0 | | | | | | | | | | 2924 | 2967 | 2924 | 2924 |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | |
| Rel. Hum | 22748945 | 256219 | 87.7 | 9.958 | 2923 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | |
| Dry Bulb | 4924766 | 118900 | 40.1 | 7.344 | 2967 | | 13.6 | | | | | 93 | | | | | | | | | |
| Wet Bulb | 4479872 | 112696 | 38.5 | 6.830 | 2924 | | 17.7 | | | | | 93 | | | | | | | | | |
| Dew Point | 4067737 | 106949 | 36.6 | 7.304 | 2924 | .2 | 23.6 | | | | | 93 | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

40-71

DEC

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|--------|-----|------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|----------|----------|-----------|------|--------|--|-------|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 62/ 61 | | | .0 | .0 | .1 | .1 | .0 | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 60/ 59 | | .0 | .1 | .1 | .1 | .0 | .1 | .1 | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 23 | 24 | 4 | 1 | | | | | | | | | | | | | | |
| 56/ 55 | .1 | .4 | .8 | .6 | .2 | .0 | | | | | | | | | | | | 63 | 65 | 15 | 4 | | | | | | | | | | | | | | |
| 54/ 53 | .0 | 1.0 | 1.2 | 1.0 | .3 | .0 | | | | | | | | | | | | 105 | 105 | 31 | 18 | | | | | | | | | | | | | | |
| 52/ 51 | .2 | 2.4 | 1.6 | 1.0 | .2 | .1 | | | | | | | | | | | | 158 | 163 | 94 | 34 | | | | | | | | | | | | | | |
| 50/ 49 | .2 | 3.7 | 3.9 | 1.2 | .4 | .2 | | | | | | | | | | | | 279 | 284 | 135 | 86 | | | | | | | | | | | | | | |
| 48/ 47 | .6 | 4.9 | 3.8 | 1.8 | .3 | .1 | .0 | | | | | | | | | | | 341 | 342 | 258 | 142 | | | | | | | | | | | | | | |
| 46/ 45 | .5 | 5.3 | 4.1 | 1.5 | .1 | .0 | .1 | | | | | | | | | | | 342 | 348 | 311 | 192 | | | | | | | | | | | | | | |
| 44/ 43 | 1.0 | 6.6 | 3.9 | 1.2 | .2 | .0 | | | | | | | | | | | | 377 | 384 | 356 | 270 | | | | | | | | | | | | | | |
| 42/ 41 | 1.2 | 6.1 | 3.8 | .5 | .2 | .0 | | | | | | | | | | | | 345 | 350 | 417 | 346 | | | | | | | | | | | | | | |
| 40/ 39 | 1.4 | 5.0 | 2.7 | 1.1 | .3 | | | | | | | | | | | | | 305 | 309 | 392 | 362 | | | | | | | | | | | | | | |
| 38/ 37 | 1.2 | 3.7 | 1.0 | .9 | | | | | | | | | | | | | | 200 | 201 | 301 | 340 | | | | | | | | | | | | | | |
| 36/ 35 | 1.2 | 2.5 | 1.3 | .3 | .1 | | | | | | | | | | | | | 156 | 157 | 235 | 339 | | | | | | | | | | | | | | |
| 34/ 33 | .9 | 1.9 | .4 | .1 | | | | | | | | | | | | | | 97 | 97 | 143 | 263 | | | | | | | | | | | | | | |
| 32/ 31 | .7 | 1.0 | .1 | .1 | .1 | | | | | | | | | | | | | 57 | 57 | 142 | 172 | | | | | | | | | | | | | | |
| 30/ 29 | .3 | .3 | .2 | .0 | | | | | | | | | | | | | | 23 | 23 | 39 | 108 | | | | | | | | | | | | | | |
| 28/ 27 | .2 | .2 | .0 | | | | | | | | | | | | | | | 11 | 11 | 18 | 84 | | | | | | | | | | | | | | |
| 26/ 25 | | .2 | | | | | | | | | | | | | | | | 6 | 6 | 17 | 60 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 32 | | | | | | | | | | | | | | |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | 25 | | | | | | | | | | | | | | |
| 20/ 19 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | | 12 | | | | | | | | | | | | | | |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 5 | 11 | | | | | | | | | | | | | | |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 1 | 2 | | | | | | | | | | | | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 3 | | | | | | | | | | | | | | |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 5 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 5 | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 9.6 | 45.6 | 29.6 | 11.5 | 2.7 | .6 | .3 | .1 | | | | | | | | | | 2928 | 2966 | | 2928 | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | x̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | 19714941 | | | 237281 | | 81.1 | | 12.795 | | 2927 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | |
| Dry Bulb | 5787824 | | | 129650 | | 43.7 | | 6.376 | | 2966 | | | | 3.5 | | | | | | | | | | 93 | | | | | | | | | | | |
| Wet Bulb | 5045404 | | | 120268 | | 41.1 | | 6.000 | | 2928 | | | | 7.5 | | | | | | | | | | 93 | | | | | | | | | | | |
| Dew Point | 4366805 | | | 111129 | | 38.0 | | 7.135 | | 2928 | | .1 | | 16.9 | | | | | | | | | | 93 | | | | | | | | | | | |

2

4

1

1

1

J-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

40-71

YEARS

DEC
MONTH

PAGE 1 1000-2000
HOURS (L. S. Y.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|--------|-----|------|------|-------|-------|----------|-------|------------------------------------|-------|---------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 64/ 63 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | |
| 58/ 57 | | .1 | .2 | | .0 | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | |
| 56/ 55 | | .3 | .3 | .1 | | .1 | | | | | | | | | | | | 24 | 24 | 3 | 1 | | | | | | | | | | |
| 54/ 53 | | .4 | .3 | .0 | .1 | | | | | | | | | | | | | 36 | 36 | 28 | 5 | | | | | | | | | | |
| 52/ 51 | .1 | 2.5 | .6 | .2 | .3 | .0 | | | | | | | | | | | | 110 | 113 | 42 | 29 | | | | | | | | | | |
| 50/ 49 | .8 | 2.4 | 1.2 | .4 | .0 | | | | | | | | | | | | | 142 | 142 | 126 | 96 | | | | | | | | | | |
| 48/ 47 | .7 | 4.0 | 1.4 | .3 | .0 | | | | | | | | | | | | | 188 | 188 | 123 | 104 | | | | | | | | | | |
| 46/ 45 | .8 | 6.2 | 1.3 | .2 | .1 | | | | | | | | | | | | | 249 | 254 | 211 | 145 | | | | | | | | | | |
| 44/ 43 | 1.8 | 7.2 | 1.0 | .1 | | | | | | | | | | | | | | 314 | 319 | 303 | 215 | | | | | | | | | | |
| 42/ 41 | 2.4 | 9.0 | 1.0 | .1 | | .0 | | | | | | | | | | | | 366 | 372 | 352 | 289 | | | | | | | | | | |
| 40/ 39 | 2.9 | 6.8 | 1.0 | .1 | .0 | .0 | | | | | | | | | | | | 318 | 319 | 376 | 381 | | | | | | | | | | |
| 38/ 37 | 1.3 | 7.0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | 277 | 286 | 313 | 317 | | | | | | | | | | |
| 36/ 35 | 2.5 | 6.2 | .8 | .1 | .0 | | | | | | | | | | | | | 281 | 284 | 290 | 352 | | | | | | | | | | |
| 34/ 33 | 2.1 | 4.1 | .4 | .1 | | | | | | | | | | | | | | 196 | 198 | 236 | 292 | | | | | | | | | | |
| 32/ 31 | 1.8 | 2.5 | .4 | .1 | | | | | | | | | | | | | | 142 | 143 | 178 | 220 | | | | | | | | | | |
| 30/ 29 | 2.3 | 1.7 | .3 | | | | | | | | | | | | | | | 125 | 126 | 153 | 163 | | | | | | | | | | |
| 28/ 27 | 1.3 | .7 | .1 | .0 | | | | | | | | | | | | | | 63 | 64 | 93 | 75 | | | | | | | | | | |
| 26/ 25 | 1.0 | .5 | .1 | | | | | | | | | | | | | | | 44 | 48 | 46 | 95 | | | | | | | | | | |
| 24/ 23 | .3 | .3 | .0 | | | | | | | | | | | | | | | 15 | 15 | 20 | 59 | | | | | | | | | | |
| 22/ 21 | .1 | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 9 | 24 | | | | | | | | | | |
| 20/ 19 | .1 | .0 | .0 | | | | | | | | | | | | | | | 6 | 6 | 7 | 13 | | | | | | | | | | |
| 18/ 17 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 4 | 22 | | | | | | | | | | |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 5 | | | | | | | | | | |
| 14/ 13 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | |
| 12/ 11 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | | | | | | |
| 10/ 9 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 2 | | | | | | | | | | |
| 8/ 7 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | 1 | | 3 | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| TOTAL | 23.6 | 2.6 | 11.4 | 2.1 | .7 | .2 | .0 | | | | | | | | | | | 2925 | 2967 | | 2925 | | | | | | | | | | |
| Element (X) | Σx² | | Σx | | x̄ | | sₓ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 23228144 | | 258946 | | 88.6 | | 9.663 | | 2921 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | |
| Dry Bulb | 4893418 | | 118690 | | 40.0 | | 7.002 | | 2967 | | | | 13.1 | | | | | | | | | | 93 | | | | | | | | |
| Wet Bulb | 4491538 | | 112964 | | 38.6 | | 6.638 | | 2925 | | | | 16.6 | | | | | | | | | | 93 | | | | | | | | |
| Dew Point | 4114295 | | 107615 | | 36.8 | | 7.280 | | 2925 | | | | .1 22.2 | | | | | | | | | | 93 | | | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24207 MCCORD AFB WASHINGTON/TACOMA

40-71

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|----|-------|-------|-----|----------|----------|--------------------|-----------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27 | 28 | 29-30 | >31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 64/ 63 | | | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | |
| 60/ 59 | | | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | | |
| 58/ 57 | | | .1 | .0 | .1 | | .1 | | | | | | | | | | | | | 7 | 7 | | | |
| 56/ 55 | | .2 | .2 | .1 | .0 | | .2 | | | | | | | | | | | | | 16 | 16 | | | |
| 54/ 53 | .1 | .6 | .3 | .2 | .1 | | | | | | | | | | | | | | | 39 | 40 | 15 | 7 | |
| 52/ 51 | .2 | 1.8 | .8 | .1 | .1 | .1 | | | | | | | | | | | | | | 90 | 93 | 38 | 21 | |
| 50/ 49 | .8 | 2.4 | .8 | .3 | .0 | | | | | | | | | | | | | | | 127 | 127 | 113 | 72 | |
| 48/ 47 | .4 | 3.3 | 1.0 | .2 | | | | | | | | | | | | | | | | 145 | 146 | 109 | 83 | |
| 46/ 45 | .8 | 5.1 | 1.4 | .2 | | | | | | | | | | | | | | | | 219 | 224 | 168 | 131 | |
| 44/ 43 | 1.6 | 6.4 | 1.8 | .1 | | | | | | | | | | | | | | | | 288 | 290 | 276 | 202 | |
| 42/ 41 | 2.3 | 8.6 | .9 | .1 | | .0 | | | | | | | | | | | | | | 348 | 354 | 319 | 253 | |
| 40/ 39 | 3.1 | 5.7 | .5 | .0 | .0 | | | | | | | | | | | | | | | 274 | 275 | 384 | 388 | |
| 38/ 37 | 2.3 | 7.9 | .5 | .1 | .1 | | | | | | | | | | | | | | | 317 | 321 | 273 | 304 | |
| 36/ 35 | 2.3 | 6.1 | .5 | .1 | | | | | | | | | | | | | | | | 268 | 269 | 306 | 320 | |
| 34/ 33 | 2.5 | 5.0 | .3 | .0 | | | | | | | | | | | | | | | | 227 | 232 | 264 | 313 | |
| 32/ 31 | 2.5 | 2.7 | .3 | .0 | | | | | | | | | | | | | | | | 164 | 164 | 200 | 236 | |
| 30/ 29 | 3.0 | 1.8 | .2 | .1 | | | | | | | | | | | | | | | | 149 | 150 | 170 | 199 | |
| 28/ 27 | 2.6 | .8 | | | | | | | | | | | | | | | | | | 101 | 102 | 130 | 115 | |
| 26/ 25 | 1.2 | .4 | .0 | .0 | | | | | | | | | | | | | | | | 49 | 53 | 54 | 86 | |
| 24/ 23 | 1.1 | .4 | .0 | .1 | | | | | | | | | | | | | | | | 48 | 52 | 46 | 79 | |
| 22/ 21 | .5 | .2 | .0 | | | | | | | | | | | | | | | | | 21 | 22 | 27 | 35 | |
| 20/ 19 | .1 | .2 | .0 | | | | | | | | | | | | | | | | | 12 | 12 | 15 | 23 | |
| 18/ 17 | .1 | | | | | | | | | | | | | | | | | | | 3 | 3 | 7 | 18 | |
| 16/ 15 | .0 | .1 | | | | | | | | | | | | | | | | | | 4 | 4 | 2 | 10 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 3 | 9 | |
| 12/ 11 | .1 | .1 | | | | | | | | | | | | | | | | | | 5 | 5 | 3 | 7 | |
| 10/ 9 | .1 | .0 | | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 3 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 27,959.4 | 9.6 | 1.8 | .4 | .2 | .1 | | | | | | | | | | | | | | 2920 | 2968 | 2928 | | |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | |
| Rel. Hum. | 23774012 | 262428 | 89.6 | 9.304 | 2928 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total | | | | | | | | | | | | |
| Dry Bulb | 4640938 | 115268 | 38.8 | 7.441 | 2968 | | 17.9 | | | | | 93 | | | | | | | | | | | | |
| Wet Bulb | 4283075 | 110105 | 37.6 | 6.982 | 2928 | | 21.1 | | | | | 93 | | | | | | | | | | | | |
| Dew Point | 3941897 | 105199 | 35.9 | 7.445 | 2928 | .1 | 26.5 | | | | | 93 | | | | | | | | | | | | |

FORM 0-26-5 (OL A) JUL 64

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24207 MCCORD AFB WASHINGTON/TACOMA 40-72

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00-02 | MEAN | 35.8 | 38.2 | 38.8 | 42.5 | 48.0 | 52.8 | 56.4 | 56.3 | 52.1 | 46.5 | 41.1 | 38.3 | 45.6 | |
| | S D | 8.909 | 7.155 | 9.980 | 5.041 | 5.159 | 4.504 | 4.279 | 4.061 | 5.438 | 6.778 | 7.561 | 7.860 | 9.499 | |
| | TOTAL OBS | 2950 | 2686 | 2966 | 2862 | 2960 | 2811 | 2982 | 2969 | 2860 | 2959 | 2859 | 2963 | 34827 | |
| 03-05 | MEAN | 35.3 | 37.3 | 37.5 | 40.9 | 45.8 | 50.8 | 53.7 | 53.8 | 50.2 | 45.6 | 40.4 | 37.8 | 44.1 | |
| | S D | 9.294 | 7.477 | 6.403 | 5.438 | 5.347 | 4.414 | 4.254 | 4.577 | 5.946 | 7.164 | 7.702 | 8.012 | 9.203 | |
| | TOTAL OBS | 2958 | 2689 | 2959 | 2860 | 2959 | 2808 | 2979 | 2971 | 2861 | 2958 | 2864 | 2960 | 34826 | |
| 06-08 | MEAN | 35.0 | 37.0 | 38.0 | 43.3 | 50.0 | 55.1 | 58.1 | 56.8 | 51.9 | 46.2 | 40.3 | 37.6 | 45.8 | |
| | S D | 9.461 | 7.603 | 6.504 | 5.466 | 5.446 | 4.756 | 4.943 | 4.793 | 5.996 | 7.089 | 7.668 | 8.077 | 10.425 | |
| | TOTAL OBS | 2964 | 2688 | 2962 | 2860 | 2958 | 2809 | 2969 | 2960 | 2873 | 2967 | 2872 | 2958 | 34840 | |
| 09-11 | MEAN | 37.8 | 41.7 | 45.1 | 50.8 | 57.1 | 61.6 | 65.8 | 65.2 | 60.8 | 52.8 | 44.5 | 40.1 | 52.0 | |
| | S D | 8.236 | 6.485 | 5.673 | 5.557 | 6.506 | 6.237 | 6.414 | 5.581 | 5.828 | 6.292 | 6.884 | 7.344 | 11.624 | |
| | TOTAL OBS | 2956 | 2691 | 2961 | 2860 | 2954 | 2810 | 2967 | 2959 | 2873 | 2970 | 2869 | 2967 | 34839 | |
| 12-14 | MEAN | 41.7 | 46.7 | 49.7 | 55.1 | 61.8 | 66.1 | 71.8 | 71.2 | 66.7 | 57.7 | 48.7 | 43.7 | 56.8 | |
| | S D | 7.379 | 6.220 | 6.290 | 6.865 | 7.847 | 7.540 | 7.384 | 6.796 | 6.997 | 6.544 | 6.293 | 6.376 | 12.381 | |
| | TOTAL OBS | 2959 | 2686 | 2961 | 2858 | 2964 | 2811 | 2984 | 2960 | 2877 | 2967 | 2870 | 2966 | 34863 | |
| 15-17 | MEAN | 41.3 | 46.7 | 49.9 | 55.6 | 62.9 | 67.3 | 74.0 | 72.9 | 67.5 | 57.2 | 47.5 | 42.7 | 57.2 | |
| | S D | 7.369 | 6.361 | 6.795 | 7.532 | 8.525 | 8.363 | 7.926 | 7.420 | 7.497 | 6.803 | 6.131 | 6.316 | 13.362 | |
| | TOTAL OBS | 2961 | 2683 | 2957 | 2859 | 2963 | 2813 | 2975 | 2959 | 2873 | 2969 | 2868 | 2964 | 34844 | |
| 18-20 | MEAN | 32.2 | 42.4 | 45.3 | 50.9 | 58.5 | 63.6 | 69.8 | 67.8 | 61.3 | 51.8 | 43.7 | 40.0 | 52.8 | |
| | S D | 7.814 | 6.002 | 5.971 | 6.413 | 7.471 | 7.695 | 7.464 | 6.678 | 6.314 | 5.853 | 6.412 | 7.002 | 12.675 | |
| | TOTAL OBS | 2951 | 2694 | 2961 | 2859 | 2959 | 2808 | 2984 | 2974 | 2869 | 2958 | 2861 | 2967 | 34845 | |
| 21-23 | MEAN | 36.7 | 39.6 | 41.2 | 45.7 | 52.2 | 57.1 | 61.7 | 60.7 | 55.3 | 48.3 | 41.9 | 38.8 | 48.3 | |
| | S D | 8.482 | 6.540 | 5.441 | 5.042 | 5.612 | 5.396 | 5.326 | 4.520 | 5.199 | 6.147 | 7.074 | 7.441 | 10.520 | |
| | TOTAL OBS | 2949 | 2694 | 2954 | 2862 | 2959 | 2808 | 2987 | 2970 | 2864 | 2964 | 2863 | 2968 | 34844 | |
| ALL HOURS | MEAN | 37.7 | 41.2 | 43.2 | 48.1 | 54.5 | 59.3 | 63.9 | 63.1 | 58.2 | 50.8 | 43.5 | 39.9 | 50.3 | |
| | S D | 8.743 | 7.679 | 7.743 | 8.042 | 8.935 | 8.567 | 9.383 | 8.829 | 8.882 | 8.030 | 7.605 | 7.630 | 12.271 | |
| | TOTAL OBS | 23648 | 21511 | 23681 | 22880 | 23676 | 22478 | 23827 | 23722 | 22952 | 23712 | 22928 | 23713 | 278728 | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24207 MCCORD AFB WASHINGTON/TACOMA 40-72

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 00-02 | MEAN | 34.7 | 36.7 | 37.2 | 40.6 | 45.5 | 50.1 | 53.4 | 53.5 | 50.2 | 45.1 | 40.0 | 37.2 | 43.7 | | | | | | | | | | | |
| | S D | 8.499 | 6.775 | 5.696 | 4.684 | 4.706 | 3.887 | 3.732 | 3.686 | 5.070 | 6.332 | 7.168 | 7.273 | 8.788 | | | | | | | | | | | |
| | TOTAL OBS | 2946 | 2678 | 2966 | 2862 | 2957 | 2805 | 2979 | 2969 | 2955 | 2905 | 2797 | 2911 | 34630 | | | | | | | | | | | |
| 03-05 | MEAN | 34.2 | 36.0 | 36.1 | 39.4 | 44.0 | 48.7 | 51.6 | 51.8 | 48.7 | 44.3 | 39.4 | 36.8 | 42.6 | | | | | | | | | | | |
| | S D | 8.375 | 7.062 | 6.057 | 5.138 | 5.056 | 4.037 | 3.982 | 4.291 | 5.629 | 6.710 | 7.304 | 7.407 | 8.716 | | | | | | | | | | | |
| | TOTAL OBS | 2950 | 2684 | 2959 | 2860 | 2957 | 2800 | 2973 | 2971 | 2853 | 2903 | 2801 | 2909 | 34620 | | | | | | | | | | | |
| 06-08 | MEAN | 33.9 | 35.7 | 36.5 | 41.1 | 46.8 | 51.5 | 54.3 | 53.9 | 50.0 | 44.7 | 39.3 | 36.6 | 43.7 | | | | | | | | | | | |
| | S D | 9.009 | 7.170 | 6.083 | 4.937 | 4.693 | 3.754 | 3.745 | 3.980 | 5.461 | 6.602 | 7.262 | 7.517 | 9.404 | | | | | | | | | | | |
| | TOTAL OBS | 2951 | 2681 | 2963 | 2860 | 2956 | 2802 | 2963 | 2960 | 2864 | 2911 | 2808 | 2907 | 34626 | | | | | | | | | | | |
| 09-11 | MEAN | 36.1 | 39.2 | 41.2 | 45.5 | 50.6 | 54.7 | 58.1 | 58.2 | 55.3 | 49.4 | 42.5 | 38.5 | 47.5 | | | | | | | | | | | |
| | S D | 7.839 | 5.960 | 4.883 | 4.291 | 4.720 | 4.147 | 3.892 | 3.405 | 3.998 | 5.248 | 6.300 | 6.830 | 9.305 | | | | | | | | | | | |
| | TOTAL OBS | 2953 | 2687 | 2961 | 2860 | 2954 | 2804 | 2967 | 2958 | 2868 | 2919 | 2822 | 2924 | 34677 | | | | | | | | | | | |
| 12-14 | MEAN | 38.9 | 42.3 | 43.7 | 47.6 | 52.8 | 56.8 | 60.6 | 60.6 | 57.7 | 52.0 | 45.1 | 41.1 | 50.0 | | | | | | | | | | | |
| | S D | 6.948 | 5.362 | 4.831 | 4.686 | 5.131 | 4.471 | 3.955 | 3.636 | 4.240 | 4.975 | 5.563 | 6.000 | 9.064 | | | | | | | | | | | |
| | TOTAL OBS | 2959 | 2686 | 2960 | 2857 | 2964 | 2805 | 2984 | 2956 | 2874 | 2914 | 2824 | 2928 | 34711 | | | | | | | | | | | |
| 15-17 | MEAN | 38.6 | 42.3 | 43.8 | 47.7 | 53.1 | 57.2 | 61.2 | 61.0 | 57.8 | 51.7 | 44.5 | 40.6 | 50.0 | | | | | | | | | | | |
| | S D | 7.006 | 5.346 | 5.022 | 4.799 | 5.186 | 4.566 | 4.002 | 3.685 | 4.336 | 5.144 | 5.562 | 6.045 | 9.329 | | | | | | | | | | | |
| | TOTAL OBS | 2960 | 2682 | 2957 | 2858 | 2962 | 2811 | 2973 | 2958 | 2869 | 2915 | 2823 | 2925 | 34693 | | | | | | | | | | | |
| 18-20 | MEAN | 36.6 | 39.8 | 41.4 | 45.4 | 51.1 | 55.5 | 59.5 | 59.1 | 55.3 | 48.9 | 42.1 | 38.6 | 47.9 | | | | | | | | | | | |
| | S D | 7.578 | 5.616 | 5.083 | 4.543 | 4.921 | 4.417 | 4.003 | 3.554 | 4.344 | 5.198 | 6.105 | 6.638 | 9.517 | | | | | | | | | | | |
| | TOTAL OBS | 2944 | 2692 | 2960 | 2859 | 2959 | 2805 | 2984 | 2974 | 2863 | 2908 | 2816 | 2925 | 34689 | | | | | | | | | | | |
| 21-23 | MEAN | 35.4 | 37.8 | 39.0 | 42.7 | 48.1 | 52.5 | 56.2 | 56.0 | 52.3 | 46.5 | 40.7 | 37.6 | 45.5 | | | | | | | | | | | |
| | S D | 8.090 | 6.248 | 5.206 | 4.374 | 4.611 | 3.955 | 3.651 | 3.346 | 4.582 | 5.712 | 6.717 | 6.982 | 9.067 | | | | | | | | | | | |
| | TOTAL OBS | 2944 | 2688 | 2954 | 2862 | 2959 | 2802 | 2984 | 2970 | 2858 | 2911 | 2814 | 2928 | 34674 | | | | | | | | | | | |
| ALL HOURS | MEAN | 36.1 | 38.7 | 39.8 | 43.7 | 49.0 | 55.4 | 58.9 | 56.8 | 53.4 | 47.8 | 41.7 | 38.4 | 46.4 | | | | | | | | | | | |
| | S D | 8.207 | 6.692 | 6.119 | 5.588 | 5.832 | 5.092 | 5.098 | 4.933 | 5.808 | 6.462 | 6.860 | 7.035 | 9.543 | | | | | | | | | | | |
| | TOTAL OBS | 23607 | 21478 | 23680 | 22878 | 23668 | 22434 | 23807 | 23716 | 22904 | 23286 | 22505 | 23357 | 277320 | | | | | | | | | | | |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24207 MCCORD AFB WASHINGTON/TACOMA 40-72

STATION

STATION NAME

YEARS

| HRS (LST) | MEAN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 00-02 | S D | 32.8 | 34.7 | 34.9 | 38.4 | 43.1 | 47.7 | 50.9 | 51.3 | 48.6 | 43.8 | 38.6 | 35.6 | 41.8 |
| | TOTAL OBS | 9,352 | 7,310 | 6,368 | 5,101 | 5,093 | 4,222 | 4,133 | 4,281 | 5,356 | 6,602 | 7,493 | 7,589 | 9,001 |
| | | 2946 | 2678 | 2966 | 2863 | 2957 | 2805 | 2979 | 2969 | 2855 | 2905 | 2797 | 2911 | 34631 |
| 03-05 | MEAN | 32.4 | 34.1 | 34.1 | 37.5 | 42.2 | 46.9 | 49.8 | 50.2 | 47.5 | 43.0 | 38.1 | 35.3 | 41.0 |
| | S D | 9,720 | 7,395 | 6,548 | 5,446 | 5,323 | 4,275 | 4,269 | 4,658 | 5,795 | 6,916 | 7,668 | 7,710 | 9,035 |
| | TOTAL OBS | 2950 | 2684 | 2959 | 2860 | 2957 | 2800 | 2973 | 2971 | 2853 | 2904 | 2801 | 2909 | 34621 |
| 06-08 | MEAN | 32.1 | 33.8 | 34.3 | 38.5 | 43.8 | 48.4 | 51.4 | 51.6 | 48.4 | 43.4 | 37.9 | 35.1 | 41.6 |
| | S D | 9,839 | 7,632 | 6,582 | 5,287 | 5,111 | 4,093 | 4,042 | 4,279 | 5,625 | 6,819 | 7,625 | 7,845 | 9,434 |
| | TOTAL OBS | 2951 | 2681 | 2963 | 2860 | 2956 | 2802 | 2963 | 2960 | 2864 | 2911 | 2808 | 2907 | 34626 |
| 09-11 | MEAN | 33.5 | 36.0 | 36.4 | 39.8 | 44.7 | 49.2 | 52.5 | 53.2 | 51.0 | 46.3 | 40.2 | 36.6 | 43.3 |
| | S D | 9,089 | 7,080 | 6,415 | 5,445 | 5,484 | 4,698 | 4,121 | 3,954 | 4,854 | 5,802 | 6,816 | 7,304 | 9,130 |
| | TOTAL OBS | 2953 | 2687 | 2961 | 2860 | 2954 | 2804 | 2967 | 2958 | 2868 | 2919 | 2822 | 2924 | 34677 |
| 12-14 | MEAN | 35.0 | 36.8 | 36.5 | 39.7 | 45.0 | 49.6 | 52.8 | 53.4 | 51.0 | 46.9 | 41.2 | 38.0 | 43.9 |
| | S D | 8,754 | 7,347 | 7,022 | 6,387 | 6,182 | 5,299 | 4,498 | 4,514 | 5,697 | 6,126 | 6,862 | 7,135 | 9,145 |
| | TOTAL OBS | 2959 | 2686 | 2960 | 2857 | 2964 | 2805 | 2984 | 2956 | 2873 | 2914 | 2824 | 2928 | 34710 |
| 15-17 | MEAN | 35.0 | 36.9 | 36.5 | 39.5 | 44.4 | 49.3 | 52.4 | 52.0 | 50.4 | 46.9 | 41.2 | 38.0 | 43.6 |
| | S D | 8,801 | 7,437 | 7,362 | 6,654 | 6,626 | 5,634 | 5,079 | 5,072 | 6,112 | 6,299 | 6,676 | 7,087 | 9,144 |
| | TOTAL OBS | 2960 | 2682 | 2957 | 2858 | 2962 | 2811 | 2973 | 2958 | 2869 | 2915 | 2823 | 2925 | 34693 |
| 18-20 | MEAN | 34.2 | 36.5 | 36.5 | 39.5 | 44.4 | 49.1 | 52.3 | 52.9 | 50.5 | 46.3 | 40.3 | 36.8 | 43.3 |
| | S D | 9,001 | 7,077 | 6,847 | 5,798 | 6,101 | 5,235 | 4,876 | 4,697 | 5,648 | 5,882 | 6,704 | 7,280 | 9,121 |
| | TOTAL OBS | 2944 | 2692 | 2960 | 2859 | 2960 | 2804 | 2983 | 2974 | 2863 | 2909 | 2816 | 2925 | 34689 |
| 21-23 | MEAN | 33.4 | 35.6 | 36.1 | 39.3 | 44.2 | 48.7 | 52.0 | 52.4 | 49.7 | 44.9 | 39.2 | 35.9 | 42.7 |
| | S D | 9,167 | 7,081 | 6,346 | 5,117 | 5,249 | 4,481 | 4,204 | 4,227 | 5,265 | 6,072 | 7,120 | 7,445 | 9,040 |
| | TOTAL OBS | 2944 | 2688 | 2954 | 2862 | 2959 | 2802 | 2974 | 2970 | 2858 | 2911 | 2814 | 2928 | 34674 |
| ALL HOURS | MEAN | 33.6 | 35.6 | 35.7 | 39.0 | 44.0 | 48.6 | 51.8 | 52.2 | 49.6 | 45.2 | 39.6 | 36.4 | 42.6 |
| | S D | 9,282 | 7,407 | 6,752 | 5,728 | 5,737 | 4,848 | 4,514 | 4,593 | 5,693 | 6,498 | 7,235 | 7,500 | 9,190 |
| | TOTAL OBS | 23607 | 21478 | 23680 | 22879 | 23669 | 22433 | 23806 | 23716 | 22903 | 23288 | 22505 | 23357 | 277321 |

USAFETAC FORM
JUL 64 0 89 5 (OLI)

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-72
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.8 | 99.1 | 98.1 | 95.4 | 89.2 | 74.3 | 42.2 | 85.6 | 23588 |
| FEB | | 100.0 | 100.0 | 99.5 | 98.4 | 95.6 | 90.2 | 80.1 | 62.9 | 33.4 | 81.8 | 21474 |
| MAR | | 100.0 | 99.9 | 99.0 | 96.2 | 90.7 | 81.6 | 69.1 | 51.3 | 24.8 | 76.9 | 23676 |
| APR | | 100.0 | 99.7 | 98.5 | 95.1 | 87.1 | 75.8 | 61.4 | 41.8 | 18.2 | 73.3 | 22873 |
| MAY | | 100.0 | 99.9 | 98.3 | 93.6 | 83.7 | 70.0 | 54.2 | 33.7 | 13.0 | 70.2 | 23667 |
| JUN | | 100.0 | 99.8 | 98.6 | 94.2 | 84.6 | 70.5 | 53.8 | 33.6 | 11.5 | 70.4 | 22430 |
| JUL | | 100.0 | 99.9 | 98.2 | 91.6 | 79.4 | 64.0 | 47.5 | 29.7 | 9.3 | 67.7 | 23804 |
| AUG | | 100.0 | 99.9 | 98.7 | 93.5 | 83.4 | 69.3 | 53.5 | 35.8 | 14.4 | 70.6 | 23711 |
| SEP | | 100.0 | 99.9 | 98.8 | 95.7 | 88.4 | 77.6 | 65.2 | 49.0 | 25.0 | 75.9 | 22897 |
| OCT | | 100.0 | 100.0 | 99.7 | 99.2 | 96.7 | 90.6 | 80.4 | 63.1 | 38.1 | 82.9 | 23278 |
| NOV | | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 96.0 | 89.3 | 75.9 | 46.4 | 86.7 | 22503 |
| DEC | | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 97.3 | 92.7 | 80.7 | 49.7 | 87.8 | 23349 |
| TOTALS | | 100.0 | 99.9 | 99.1 | 96.3 | 90.5 | 81.5 | 69.7 | 52.7 | 27.2 | 77.5 | 277250 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

JAN
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 99.8 | 99.6 | 99.2 | 98.5 | 95.5 | 86.0 | 54.1 | 89.2 | 2946 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.7 | 99.3 | 98.4 | 95.6 | 86.3 | 54.5 | 89.3 | 2949 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.7 | 99.5 | 98.5 | 95.6 | 86.0 | 54.4 | 89.3 | 2948 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 99.3 | 98.4 | 95.9 | 90.2 | 73.1 | 36.6 | 85.0 | 2952 |
| | 12-14 | 100.0 | 100.0 | 99.6 | 97.9 | 95.2 | 87.7 | 74.2 | 49.8 | 21.4 | 78.2 | 2956 |
| | 15-17 | 100.0 | 100.0 | 99.7 | 98.1 | 95.8 | 90.3 | 77.0 | 54.0 | 23.9 | 79.6 | 2958 |
| | 18-20 | 100.0 | 99.9 | 99.7 | 99.3 | 98.3 | 96.5 | 91.0 | 75.7 | 42.6 | 86.1 | 2937 |
| | 21-23 | 100.0 | 99.9 | 99.7 | 99.5 | 98.9 | 97.6 | 94.2 | 83.1 | 50.0 | 88.2 | 2942 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 99.1 | 98.1 | 95.4 | 89.2 | 74.3 | 42.2 | 85.6 | 23588 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

FEB

MONTH

2

2

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

41-72
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 97.9 | 92.5 | 76.5 | 41.6 | 86.3 | 2966 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 93.8 | 81.6 | 46.3 | 87.7 | 2958 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.4 | 93.1 | 78.6 | 43.6 | 86.9 | 2961 |
| | 09-11 | 100.0 | 100.0 | 99.4 | 97.3 | 92.3 | 80.1 | 58.0 | 34.0 | 11.6 | 72.5 | 2960 |
| | 12-14 | 100.0 | 99.6 | 97.7 | 89.9 | 74.8 | 52.5 | 33.3 | 18.1 | 4.2 | 62.7 | 2960 |
| | 15-17 | 100.0 | 99.5 | 96.2 | 87.6 | 72.0 | 52.9 | 36.5 | 20.0 | 6.3 | 62.7 | 2957 |
| | 18-20 | 100.0 | 99.9 | 99.0 | 96.1 | 90.2 | 77.5 | 60.4 | 37.9 | 14.7 | 73.2 | 2960 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.1 | 98.0 | 94.7 | 84.9 | 63.8 | 30.4 | 82.6 | 2954 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 99.0 | 96.2 | 90.7 | 81.6 | 69.1 | 51.3 | 24.8 | 76.9 | 23676 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207 MECHORD AFB WASHINGTON/TACOMA
STATION STATION NAME

41-72

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 98.3 | 93.2 | 74.0 | 35.0 | 85.6 | 2862 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.9 | 99.9 | 99.3 | 96.9 | 82.6 | 46.2 | 88.0 | 2859 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.6 | 97.4 | 90.1 | 64.5 | 28.4 | 83.6 | 2858 |
| | 09-11 | 100.0 | 99.9 | 99.2 | 97.3 | 88.9 | 68.5 | 40.6 | 17.0 | 4.3 | 67.2 | 2859 |
| | 12-14 | 100.0 | 99.3 | 96.4 | 88.1 | 55.9 | 43.1 | 22.7 | 10.4 | 2.2 | 58.3 | 2856 |
| | 15-17 | 100.0 | 98.6 | 94.2 | 82.5 | 62.2 | 42.3 | 24.6 | 12.3 | 4.2 | 57.6 | 2858 |
| | 18-20 | 100.0 | 99.8 | 98.4 | 93.8 | 83.1 | 65.0 | 44.2 | 23.1 | 7.6 | 67.1 | 2859 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.3 | 97.6 | 92.3 | 79.0 | 50.2 | 17.6 | 79.2 | 2862 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 98.5 | 95.1 | 87.1 | 75.8 | 61.4 | 41.8 | 18.2 | 73.3 | 22873 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

24207 MCCHURD AFB WASHINGTON/TACOMA
STATION STATION NAME

MAY
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 98.3 | 91.0 | 63.0 | 25.3 | 83.6 | 2957 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 78.5 | 40.4 | 87.3 | 2956 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 93.4 | 81.6 | 48.5 | 16.1 | 79.8 | 2956 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 97.1 | 85.7 | 61.3 | 32.5 | 12.0 | 2.5 | 64.6 | 2954 |
| | 12-14 | 100.0 | 99.8 | 96.6 | 86.0 | 62.8 | 35.0 | 16.6 | 6.3 | 1.4 | 56.0 | 2964 |
| | 15-17 | 100.0 | 99.3 | 92.4 | 76.4 | 53.2 | 31.9 | 17.7 | 8.6 | 2.1 | 53.6 | 2962 |
| | 18-20 | 100.0 | 99.9 | 97.5 | 89.9 | 72.6 | 51.7 | 30.5 | 15.5 | 4.8 | 61.8 | 2959 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 96.7 | 86.5 | 66.4 | 35.2 | 11.4 | 75.1 | 2959 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.3 | 93.6 | 83.7 | 70.0 | 54.2 | 33.7 | 13.0 | 70.2 | 23667 |

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207
STATION

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

41-72
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.1 | 89.8 | 64.0 | 22.8 | 83.3 | 2805 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 95.8 | 79.6 | 35.9 | 86.8 | 2800 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 93.9 | 79.5 | 45.6 | 12.1 | 78.8 | 2801 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 97.2 | 86.9 | 63.7 | 33.5 | 12.0 | 2.2 | 65.2 | 2803 |
| | 12-14 | 100.0 | 99.7 | 97.3 | 87.7 | 66.0 | 38.4 | 18.8 | 8.0 | 1.7 | 57.3 | 2804 |
| | 15-17 | 100.0 | 99.1 | 94.1 | 79.9 | 56.8 | 35.1 | 18.5 | 9.4 | 2.2 | 55.2 | 2811 |
| | 18-20 | 100.0 | 99.8 | 97.4 | 89.2 | 73.2 | 51.6 | 29.4 | 14.4 | 4.7 | 61.6 | 2804 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.4 | 95.3 | 85.2 | 65.3 | 35.0 | 10.0 | 74.7 | 2802 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 98.6 | 94.2 | 84.6 | 70.5 | 53.8 | 33.6 | 11.5 | 70.4 | 22430 |

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207
STATION

MCCHORD AFB WASHINGTON/TACOMA
STATION NAME

40-72
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 88.4 | 60.6 | 15.6 | 82.2 | 2979 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 79.9 | 34.1 | 87.0 | 2973 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.9 | 99.0 | 95.3 | 79.2 | 47.2 | 13.9 | 79.3 | 2962 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 97.4 | 85.0 | 57.1 | 26.1 | 9.8 | 1.8 | 63.4 | 2967 |
| | 12-14 | 100.0 | 99.6 | 97.0 | 83.2 | 54.0 | 24.9 | 9.7 | 4.2 | .5 | 52.9 | 2983 |
| | 15-17 | 100.0 | 99.4 | 92.7 | 69.1 | 41.3 | 20.1 | 8.7 | 4.2 | .8 | 49.1 | 2973 |
| | 18-20 | 100.0 | 99.8 | 96.4 | 84.2 | 61.6 | 36.4 | 16.4 | 6.9 | 2.4 | 54.0 | 2983 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.1 | 94.5 | 80.4 | 53.8 | 24.6 | 5.3 | 71.5 | 2984 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.2 | 91.6 | 79.4 | 64.0 | 47.5 | 29.7 | 9.3 | 67.7 | 2 |

2

AUG
MONTH

62

3

2

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

MCCHURD AFB WASHINGTON/TACOMA
STATION NAME

40-71

SEF

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 96.0 | 81.5 | 45.0 | 88.2 | 2854 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 97.4 | 88.6 | 56.6 | 90.5 | 2850 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 98.6 | 95.0 | 80.2 | 45.9 | 86.3 | 2864 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 98.4 | 92.3 | 76.3 | 52.1 | 29.1 | 10.4 | 71.6 | 2868 |
| | 12-14 | 100.0 | 99.7 | 97.1 | 89.0 | 68.6 | 43.7 | 24.5 | 11.9 | 3.4 | 59.3 | 2874 |
| | 15-17 | 100.0 | 99.4 | 94.7 | 82.8 | 61.9 | 38.6 | 22.5 | 11.2 | 3.3 | 57.0 | 2869 |
| | 18-20 | 100.0 | 99.8 | 99.2 | 95.8 | 86.2 | 70.7 | 50.0 | 28.8 | 8.9 | 69.7 | 2862 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 99.8 | 98.8 | 95.0 | 84.2 | 60.3 | 26.3 | 82.3 | 2856 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.8 | 95.7 | 88.4 | 77.6 | 65.2 | 49.0 | 25.0 | 73.9 | 22897 |

USAFETAC FORM 0-87-5 (OL A)
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24207 MCCHURD AFB WASHINGTON/TACOMA
STATION STATION NAME

40-71

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.4 | 97.7 | 88.2 | 59.8 | 90.9 | 2904 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.8 | 99.8 | 99.4 | 97.9 | 88.4 | 63.7 | 91.5 | 2902 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.9 | 99.7 | 99.1 | 97.0 | 86.3 | 58.5 | 90.7 | 2911 |
| | 09-11 | 100.0 | 99.9 | 99.8 | 99.6 | 98.2 | 91.7 | 76.1 | 49.5 | 24.9 | 79.9 | 2918 |
| | 12-14 | 100.0 | 99.9 | 99.3 | 97.7 | 89.1 | 70.1 | 44.7 | 23.8 | 9.0 | 68.9 | 2912 |
| | 15-17 | 100.0 | 99.8 | 99.4 | 97.2 | 88.5 | 71.1 | 49.8 | 27.6 | 10.9 | 70.2 | 2915 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 99.8 | 99.0 | 95.0 | 84.4 | 60.6 | 28.3 | 82.6 | 2908 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.9 | 99.8 | 98.8 | 95.4 | 80.6 | 49.4 | 88.7 | 2908 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 99.2 | 96.7 | 90.6 | 80.4 | 63.1 | 38.1 | 82.9 | 23278 |

RELATIVE HUMIDITY

NGV
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NQV | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 96.9 | 89.8 | 61.0 | 91.0 | 2797 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 97.4 | 91.9 | 62.8 | 91.5 | 2801 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.1 | 97.0 | 90.3 | 62.9 | 91.2 | 2808 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 97.2 | 89.6 | 70.7 | 37.0 | 85.3 | 2821 |
| | 12-14 | 100.0 | 100.0 | 99.7 | 98.7 | 95.6 | 85.9 | 67.1 | 42.3 | 18.0 | 76.4 | 2824 |
| | 15-17 | 100.0 | 100.0 | 99.9 | 99.4 | 96.9 | 91.2 | 76.3 | 52.6 | 24.7 | 79.8 | 2822 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.9 | 94.1 | 81.9 | 47.4 | 88.1 | 2816 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.7 | 96.1 | 87.4 | 57.1 | 90.2 | 2814 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 96.0 | 89.3 | 75.9 | 46.4 | 86.7 | 22503 |

RELATIVE HUMIDITY

40-71

DEC
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 99.5 | 98.6 | 96.1 | 87.7 | 58.5 | 90.0 | 2911 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.9 | 96.7 | 89.1 | 62.6 | 90.7 | 2908 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.7 | 98.8 | 97.0 | 89.9 | 63.2 | 90.8 | 2907 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 97.7 | 93.7 | 80.4 | 46.8 | 87.7 | 2923 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.2 | 97.5 | 92.7 | 79.9 | 57.4 | 25.8 | 81.1 | 2927 |
| | 15-17 | 100.0 | 100.0 | 99.9 | 99.6 | 98.2 | 95.4 | 87.4 | 68.0 | 33.0 | 83.9 | 2924 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 97.8 | 95.0 | 85.5 | 50.5 | 88.6 | 2921 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.8 | 99.4 | 98.2 | 95.8 | 87.3 | 56.8 | 89.6 | 2928 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 97.3 | 92.7 | 80.7 | 49.7 | 87.8 | 23349 |

USAFETAC FORM 0-87-5 (OL A)
JUL 64

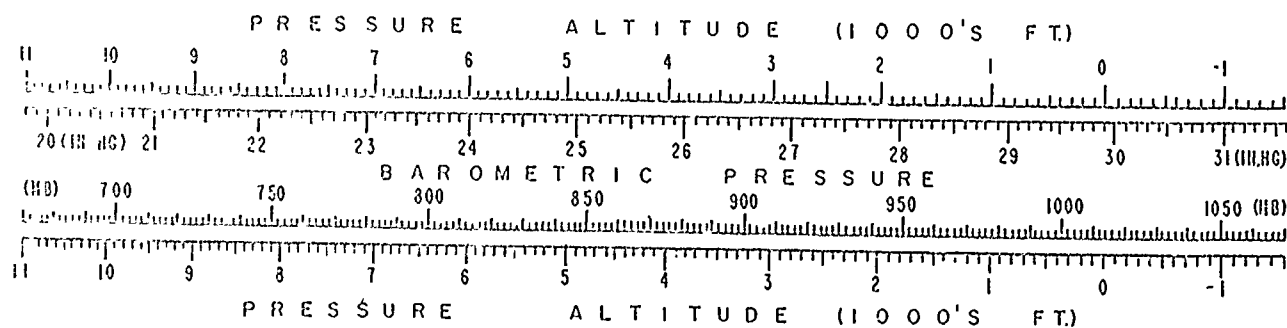
NAVY FLIGHT DIVISION
 1000 W. 1000 W.
 1000 W. 1000 W. (MAC)
 1000 W. 1000 W. (MAC)

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station and sea-level pressure by month and annual for the local hourly observations corresponding to the official hourly synoptic times GCE. The same computations are also provided at the bottom of the page for all times combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION , RESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION

STATION NAME

YEARS

USAFETAC FORM 0 89 5 (OLI)
JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24207 MCCHORD AFB WASHINGTON/TACOMA 40-72

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 01 | MEAN | 1017.4 | 1017.4 | 1016.9 | 1017.6 | 1017.7 | 1017.0 | 1017.8 | 1017.0 | 1016.8 | 1017.3 | 1017.3 | 1016.6 | 1017.2 | |
| | S D | 10.382 | 9.122 | 8.320 | 6.796 | 5.280 | 4.280 | 3.425 | 3.410 | 4.949 | 6.981 | 8.930 | 10.069 | 7.245 | |
| | TOTAL OBS | 982 | 898 | 989 | 954 | 988 | 937 | 994 | 989 | 958 | 987 | 956 | 987 | 11619 | |
| 04 | MEAN | 1017.5 | 1017.3 | 1016.7 | 1017.5 | 1017.8 | 1017.1 | 1018.0 | 1017.1 | 1016.8 | 1017.1 | 1017.2 | 1016.6 | 1017.2 | |
| | S D | 10.461 | 9.101 | 8.419 | 6.946 | 5.316 | 4.298 | 3.444 | 3.424 | 5.047 | 7.004 | 8.992 | 10.118 | 7.301 | |
| | TOTAL OBS | 985 | 894 | 983 | 954 | 985 | 936 | 991 | 989 | 959 | 985 | 959 | 986 | 11606 | |
| 07 | MEAN | 1017.4 | 1017.5 | 1017.0 | 1018.0 | 1018.2 | 1017.6 | 1018.6 | 1017.8 | 1017.3 | 1017.5 | 1017.3 | 1016.5 | 1017.6 | |
| | S D | 10.482 | 9.108 | 8.558 | 7.016 | 5.411 | 4.379 | 3.474 | 3.488 | 5.132 | 7.015 | 9.050 | 10.182 | 7.369 | |
| | TOTAL OBS | 988 | 896 | 987 | 952 | 984 | 938 | 986 | 981 | 958 | 990 | 958 | 987 | 11605 | |
| 10 | MEAN | 1016.1 | 1018.0 | 1017.3 | 1018.2 | 1018.1 | 1017.5 | 1018.6 | 1017.9 | 1017.6 | 1017.9 | 1018.0 | 1017.3 | 1017.9 | |
| | S D | 10.542 | 9.097 | 8.551 | 6.954 | 5.401 | 4.356 | 3.494 | 3.472 | 5.114 | 7.072 | 9.111 | 10.207 | 7.371 | |
| | TOTAL OBS | 986 | 895 | 988 | 954 | 983 | 937 | 985 | 980 | 958 | 990 | 957 | 987 | 11600 | |
| 13 | MEAN | 1017.3 | 1017.4 | 1016.8 | 1017.6 | 1017.5 | 1017.1 | 1018.1 | 1017.3 | 1016.9 | 1017.2 | 1017.2 | 1016.4 | 1017.2 | |
| | S D | 10.440 | 8.952 | 8.339 | 6.806 | 5.324 | 4.289 | 3.485 | 3.478 | 4.992 | 6.946 | 9.030 | 10.110 | 7.266 | |
| | TOTAL OBS | 984 | 895 | 987 | 954 | 987 | 937 | 993 | 980 | 958 | 990 | 954 | 990 | 11609 | |
| 16 | MEAN | 1017.1 | 1016.9 | 1016.1 | 1017.0 | 1016.8 | 1016.6 | 1017.2 | 1016.3 | 1016.2 | 1016.8 | 1016.9 | 1016.3 | 1016.7 | |
| | S D | 10.562 | 8.823 | 8.191 | 6.562 | 5.215 | 4.213 | 3.484 | 3.435 | 4.832 | 6.862 | 8.884 | 10.041 | 7.157 | |
| | TOTAL OBS | 986 | 892 | 984 | 951 | 985 | 937 | 985 | 980 | 956 | 991 | 956 | 984 | 11587 | |
| 19 | MEAN | 1017.2 | 1017.0 | 1016.3 | 1016.9 | 1016.8 | 1016.4 | 1016.8 | 1016.1 | 1016.1 | 1016.9 | 1017.0 | 1016.4 | 1016.7 | |
| | S D | 10.393 | 8.836 | 8.144 | 6.484 | 5.097 | 4.124 | 3.463 | 3.384 | 4.819 | 6.926 | 8.939 | 10.090 | 7.152 | |
| | TOTAL OBS | 985 | 898 | 985 | 923 | 989 | 934 | 996 | 991 | 958 | 987 | 955 | 989 | 11620 | |
| 22 | MEAN | 1017.4 | 1017.3 | 1016.8 | 1017.6 | 1017.6 | 1017.0 | 1017.6 | 1016.8 | 1016.7 | 1017.3 | 1017.2 | 1016.7 | 1017.2 | |
| | S D | 10.450 | 8.967 | 8.182 | 6.625 | 5.164 | 4.103 | 3.396 | 3.358 | 4.931 | 6.957 | 8.953 | 10.075 | 7.191 | |
| | TOTAL OBS | 982 | 897 | 981 | 956 | 990 | 937 | 993 | 991 | 957 | 990 | 958 | 990 | 11624 | |
| ALL HOURS | MEAN | 1017.4 | 1017.4 | 1016.7 | 1017.5 | 1017.6 | 1017.0 | 1017.8 | 1017.0 | 1016.8 | 1017.3 | 1017.3 | 1016.6 | 1017.2 | |
| | S D | 10.438 | 9.003 | 8.344 | 6.783 | 5.299 | 4.271 | 3.507 | 3.479 | 4.998 | 6.975 | 8.987 | 10.111 | 7.266 | |
| | TOTAL OBS | 7878 | 7165 | 7884 | 7628 | 7891 | 7493 | 7925 | 7881 | 7662 | 7910 | 7653 | 7900 | 92870 | |